ORDER NO. CPD0604070C1

Service Manual

Notebook Computer

CF-18

TOUGHBOOK

This is the Service Manual for
the following areas.
M …for U.S.A. and Canada

Model No. CF-18

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Panasonic®

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WARNING

For U.K.

This apparatus must be earthed for your safety.

To ensure safe operation the three-pin plug must be inserted only into a standard three-pin power point which is effectively earthed through the normal household wiring.
Extension cords used with the equipment must be three-core and be correctly wired to provide connection to earth. Wrongly wired extension cords are a major cause of fatalities.
The fact that the equipment operates satisfactorily does not imply that the power point is earthed and that the installation is completely safe.
For your safety, if you have any doubt about the effective earthing of the power point, consult a qualified electrician.

FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.
A 3 amp fuse is fitted in this plug.
Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 3 amps and that it is approved by ASTA or BSI to BS 1362.

Check for the ASTA mark ⓐ or the BSI mark ⓚ on the body of the fuse.
If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.
If you lose the fuse cover the plug must not be used until a replacement cover is obtained.
A replacement fuse cover can be purchased from your local Panasonic Dealer.
IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY.
THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13 AMP SOCKET.
If a new plug is to be fitted please observe the wiring code as shown below.
If in any doubt please consult a qualified electrician.

Warning: THIS APPLIANCE MUST BE EARTHED.

Important

The wires in this mains lead are coloured in accordance with the following code:

Green-and-yellow:	Earth
Blue:	Neutral
Brown:	Live

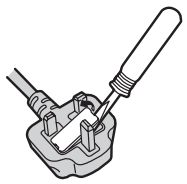
As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:
The wire which is coloured GREEN-and-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the safety earth symbol ⏚ coloured GREEN or GREEN-and-YELLOW.

The wire which is coloured Blue must be connected to the terminal which is marked with the letter N or coloured BLACK.
The wire which is coloured Brown must be connected to the terminal which is marked with the letter L or coloured RED.

The mains plug on this equipment must be used to disconnect the mains power.
Please ensure that a socket outlet is available near the equipment and shall be easily accessible.

■ How to replace the fuse

Open the fuse compartment with a screwdriver and replace the fuse.



Warnings

- This equipment is not designed for connection to an IT power system.
  (An IT system is a system having no direct connections between live parts and Earth; the exposed-conducive-parts of the electrical installation are earthed.
  An IT system is not permitted where the computer is directly connected to public supply systems in the U.K.)
- Disconnect the mains plug from the supply socket when the computer is not in use.

This equipment is produced to BS800/1983.

LASER SAFETY INFORMATION

For U.S.A.

Class 1 LASER-Product

This product is certified to comply with DHHS Rules 21 CFR Subchapter J.
This product complies with European Standard EN60825 (or IEC Publication 825)

For all areas
This equipment is classified as a class 1 level LASER product and there is no hazardous LASER radiation.

Caution:
(1) Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
(2) The drive is designed to be incorporated into a computer-based system or unit which has an enclosing cover. It should never be used as a stand alone drive.

Danger:
The serviceman should not remove the cover of drive unit and should not service because the drive unit is a non-serviceable part.
Please check DANGER label on PD-drive unit.

• Unplug the AC power cord to the equipment before opening the top cover of the drive.
When the power switch it on, do not place your eyes close to the front panel door to look into the interior of the unit.

LASER Specification

Class 1 level LASER Product
Wave Length: DVD 658±8 nm
CD 775~815 nm

Laser safety information is appropriate only when drive with laser is installed.

Safety precautions

1. Before servicing, unplug the power cord to prevent an electric shock.
2. When replacing parts, use only manufacture's recommended components for safety.
3. Check the condition of the power cord. Replace if wear or damage is evident.
4. After servicing, be sure to restore the lead dress, insulation barriers, insulation papers, shields, etc.

Important Safety Instructions

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
2. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
3. Do not use the telephone to report a gas leak in the vicinity of the leak.
4. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

SAVE THESE INSTRUCTIONS

Lithium Battery

Lithium Battery!

This computer contains a lithium battery to enable the date, time, and other data to be stored. The battery should only be exchanged by authorized service personnel.

Warning! A risk of explosion from incorrect installation or misapplication may possibly occur.

LITHIUM BATTERY ⚠

• **CAUTION**

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type recommended by the equipment manufacture.
Discard used batteries according to the manufacturer's instructions.

LITHIUMBATTERIES ⚠

Vorsicht!

Explosionsgefahr bei unsachgemäßem Austausch der Batterie. Ersatz nur durch denselben order einen vom Hersteller empfohlenen ähnlichen Typ. Entsorgung gebrauchter Batterien nach Angaben des Herstellers.

PILE AU LITHIUM ⚠

ATTENTION: IL Y A DANGER D'EXPLOSION S' IL Y A REMPLACEMENT INCORRECT DE LA PILE. REMPLACER UNIQUEMENT AVEC UNE PILE DU MÈME TYPE OU D'UN TYPE RECOMMANDÉ PAR LE CONSTRUCTEUR. METTRE AU RÉBUT LES PILES USAGÉES CONFORMÉMENT AUX INSTRUCTIONS DU FABRICANT.

For U.S.A. / CANADA

A lithium ion battery that is recyclable powers the product you have purchased. Please call 1-800-8-BATTERY for information on how to recycle this battery.

L'appareil que vous vous êtes procuré est alimenté par une batterie au lithium-ion. Pour des renseignements sur le recyclage de la batterie, veuillez composer le 1-800-8-BATTERY.

Precautions (Battery Pack)

- Care should be exercised with regard to the following in order to avoid the possibility of overheating, fire or damage.

Avoid Heat
Do not throw the battery pack into a fire or expose it to excessive heat.

Keep Articles Away
Do not place the battery pack together with articles such as necklaces or hairpins when carrying or storing.

Do Not Disassemble
Do not insert sharp objects into the battery pack, expose it to bumps or shocks, deform, disassemble, or modify it.

Do Not Short
Do not short the positive (+) and negative (-) contacts.

Avoid Extreme Heat, Cold and Direct Sunlight
Do not charge, use or leave the battery pack for extended periods where it will be exposed to direct sunlight, in a hot place (in an automobile on a sunny day, for example), or in a cold place.

Do Not Use With Any Other Computer
The battery pack is rechargeable and was intended for the specified computer or charger. Do not use it with a computer other than the one for which it was designed.

Do Not Put into a Microwave
Do not put the battery pack into a microwave oven or a pressurized chamber.

Discontinue Use
Should the battery emit an abnormal odor, become hot to the touch, become discolored, change shape, or become in any way different from normal, remove it from the computer or charger and discontinue use.

- Do not touch the terminals on the battery pack. The battery pack may no longer function properly if the contacts are dirty or damaged.
- Do not expose the battery pack to water, or allow it to become wet.
- If the battery pack will not be used for a long period of time (a month or more), charge or discharge (use) the battery pack until the remaining battery level becomes 30% to 40% and store it in a cool, dry place.
- This computer prevents overcharging of the battery by recharging only when the remaining power is less than approx. 95% of capacity.
- The battery pack is not charged when the computer is first purchased. Be sure to charge it before using it for the first time. When the AC adaptor is connected to the computer, charging begins automatically.
- Should the battery leak and the fluid get into your eyes, do not rub your eyes. Immediately flush your eyes with clear water and see a doctor for medical treatment as soon as possible.

NOTE

- The battery pack may become warm during recharging or normal use. This is completely normal.
- Recharging will not commence outside of the allowable temperature range (0 °C to 50 °C {32°F to 122 °F}).(☞ Reference Manual "Battery Power") Once the allowable range requirement is satisfied, charging begins automatically. Note that the recharging time varies based on the usage conditions. (Recharging takes longer than usual when the temperature is 10 °C {50 °F} or less.)
- If the temperature is low, the operating time is shortened. Only use the computer within the allowable temperature range.
- The battery pack is a consumable item. If the amount of time the computer can be run off a particular battery pack becomes dramatically shorter and repeated rechargings do not restore its performance, the battery pack should be replaced with a new one.
- When transporting spare batteries inside a package, briefcase, etc., it is recommended that it be placed in a plastic bag so that its contacts are protected.
- Always power off the computer when it is not in use. Leaving the computer on when the AC adaptor is not connected will exhaust the remaining battery capacity.

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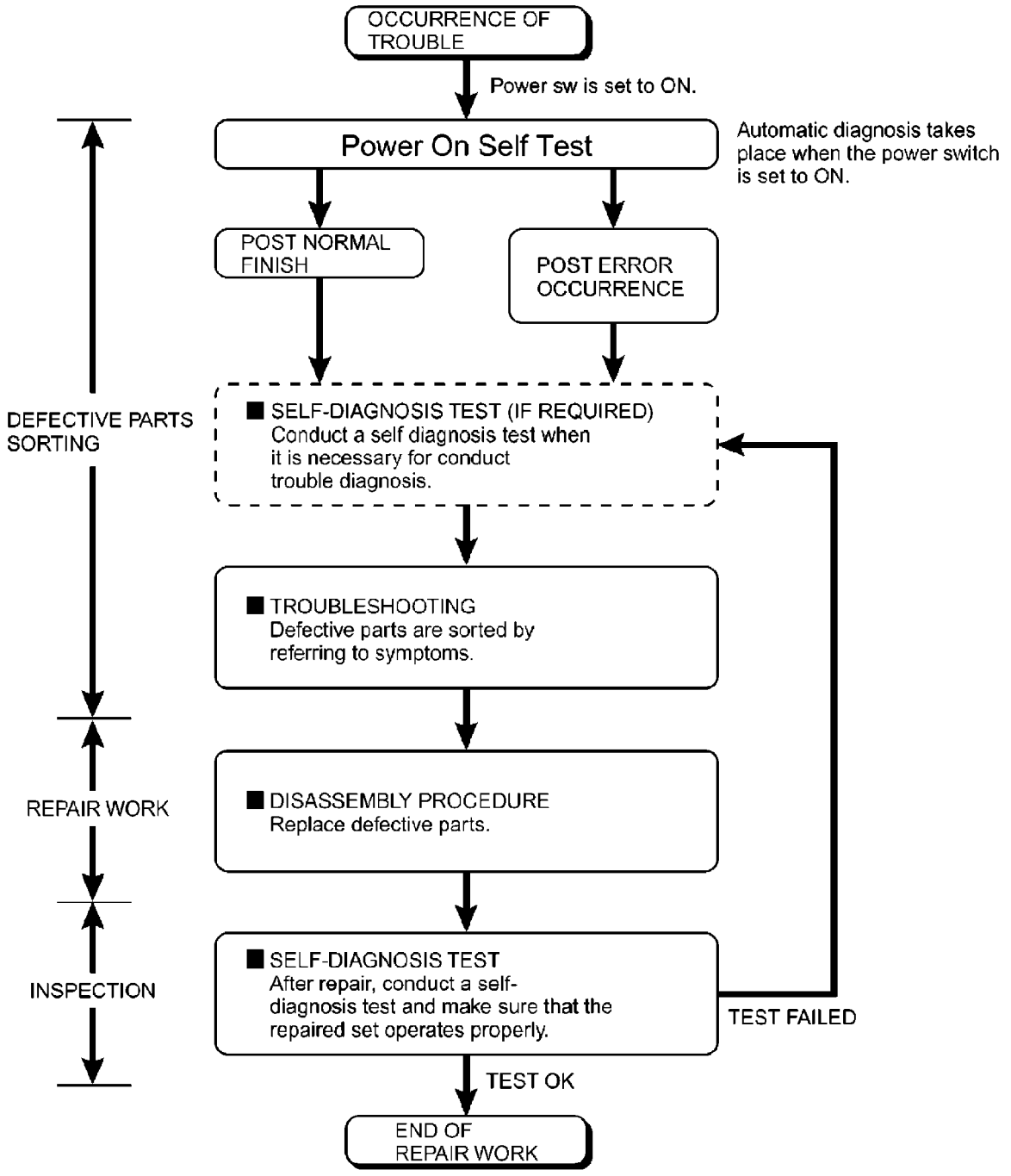
1 Diagnosis Procedure

1.1. Basic Procedure

The basic procedures for diagnosis, disassembly, and test of defective parts of a set to be repaired are summarized below. For details, refer to relevant pages in the Service Manual.

● **Flow Chart**

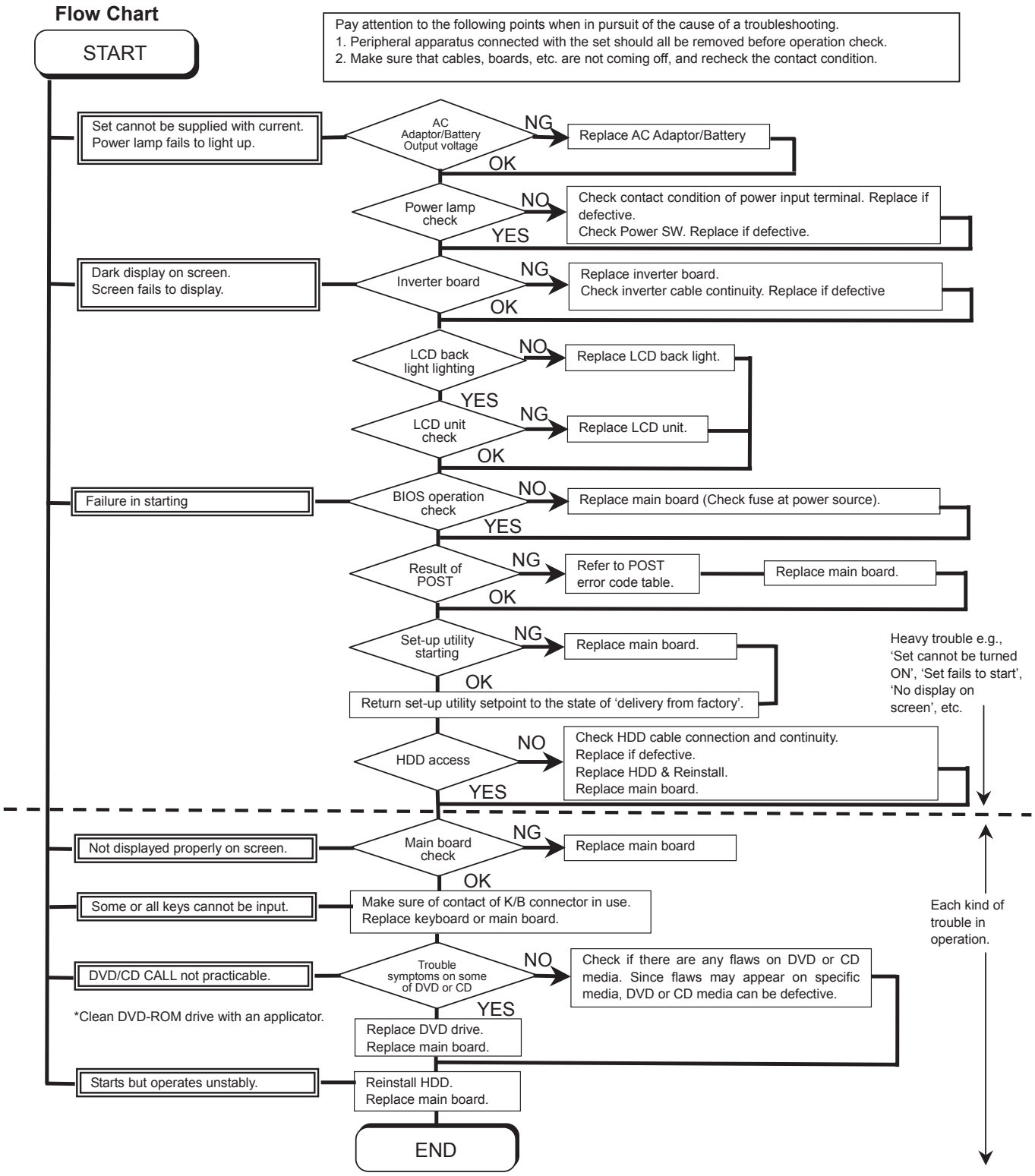

OCCURRENCE OF TROUBLE
Power sw is set to ON.
Power On Self Test
Automatic diagnosis takes place when the power switch is set to ON.
POST NORMAL FINISH
POST ERROR OCCURRENCE
DEFECTIVE PARTS SORTING
■ SELF-DIAGNOSIS TEST (IF REQUIRED)
Conduct a self diagnosis test when it is necessary for conduct trouble diagnosis.
■ TROUBLESHOOTING
Defective parts are sorted by referring to symptoms.
REPAIR WORK
■ DISASSEMBLY PROCEDURE
Replace defective parts.
INSPECTION
■ SELF-DIAGNOSIS TEST
After repair, conduct a self-diagnosis test and make sure that the repaired set operates properly.
TEST FAILED
TEST OK
END OF REPAIR WORK

1.2. Troubleshooting

Please take note of the following two points with regard to troubleshooting:

1. Know-how of diagnosis upon occurrence of heavy troubles, e.g. 'Set cannot be turned ON', 'Set fails to start', 'No display on screen', etc.
2. Explanation of each trouble, mainly symptom of trouble in operation.

Flow Chart


START
Pay attention to the following points when in pursuit of the cause of a troubleshooting.
1. Peripheral apparatus connected with the set should all be removed before operation check.
2. Make sure that cables, boards, etc. are not coming off, and recheck the contact condition.
Set cannot be supplied with current.
Power lamp fails to light up.
AC Adaptor/Battery Output voltage
NG
Replace AC Adaptor/Battery
OK
Power lamp check
NO
Check contact condition of power input terminal. Replace if defective.
Check Power SW. Replace if defective.
YES
Dark display on screen.
Screen fails to display.
Inverter board
NG
Replace inverter board.
Check inverter cable continuity. Replace if defective
OK
LCD back light lighting
NO
Replace LCD back light.
YES
LCD unit check
NG
Replace LCD unit.
OK
Failure in starting
BIOS operation check
NO
Replace main board (Check fuse at power source).
YES
Result of POST
NG
Refer to POST error code table.
Replace main board.
OK
Set-up utility starting
NG
Replace main board.
OK
Return set-up utility setpoint to the state of 'delivery from factory'.
HDD access
NO
Check HDD cable connection and continuity.
Replace if defective.
Replace HDD & Reinstall.
Replace main board.
YES
Heavy trouble e.g., 'Set cannot be turned ON', 'Set fails to start', 'No display on screen', etc.
Not displayed properly on screen.
Main board check
NG
Replace main board
OK
Some or all keys cannot be input.
Make sure of contact of K/B connector in use.
Replace keyboard or main board.
DVD/CD CALL not practicable.
Trouble symptoms on some of DVD or CD
NO
Check if there are any flaws on DVD or CD media. Since flaws may appear on specific media, DVD or CD media can be defective.
YES
*Clean DVD-ROM drive with an applicator.
Replace DVD drive.
Replace main board.
Starts but operates unstably.
Reinstall HDD.
Replace main board.
END
Each kind of trouble in operation.

2 Power-On Self Test (Boot Check)

Outline of POST

The set has a boot check function called POST (Power-On Self Test) in it. The condition of the main body is diagnosed by checking beep sound or error code.

- Start .....Test begins automatically when power switch is set to ON.
- Normal finish .....After memory checking, a beep sound is issued once and the set is placed into automatic stop.

Note: If no error occurs, nothing is displayed. (No display of OK, etc.)

Error Diagnosis by Checking Beep Signal Sound

The beep sound is as follows:

(1 (long sound) -2-3-4)

(Length of bar shows length of sound.)

■ = long sound (about 0.4 sec.), ■ = short sound (about 0.2 sec.), Length between sounds is about 0.1 sec.

● Table of errors classified by beep sounds

Diagnosis	Beep signal sound	Error message
Main board	1(long sound)-2	BIOS ROM error
	1-2-2-3	BIOS ROM error
	1-3-1-1	RAM error
	1-3-1-3	Keyboard controller error
	1-3-4-1	RAM error
	1-3-4-3	RAM error
	1-4-1-1	RAM error
	2-1-2-3	BIOS ROM error
	2-2-3-1	Occurrence of unexpected offering

(Note) A beep sound is also issued in case of other I/O trouble.

3. List of Error Codes <Only when the port replicator is connected>

The following is a list of the messages that BIOS can display. Most of them occur during POST. Some of them display information about a hardware device, e.g., the amount of memory installed. Others may indicate a problem with a device, such as the way it has been configured. Following the list are explanations of the messages and remedies for reported problems.
If your system displays one of except the messages marked below with an asterisk (*), write down the message and contact Panasonic Technical Support. If your system fails after you make changes in the Setup menus, reset the computer, enter Setup and install Setup defaults or correct the error.

0200 Failure Fixed Disk
Fixed disk in not working or not configured properly. Check to see if fixed disk is attached properly. Run Setup. Find out if the fixed-disk type is correctly identified.

0210 Stuck key
Stuck key on keyboard.

0211 Keyboard error
Keyboard not working.

0212 Keyboard Controller Failed
Keyboard controller failed test. May require replacing keyboard controller.

0213 Keyboard locked - Unlock key switch
Unlock the system to proceed.

0230 System RAM Failed at offset: *nnnn*
System RAM failed at offset *nnnn* of in the 64k block at which the error was detected.

0231 Shadow RAM Failed at offset: *nnnn*
Shadow RAM failed at offset *nnnn* of the 64k block at which the error was detected.

0232 Extended RAM Failed at offset: *nnnn*
Extended memory not working or not configured properly at offset *nnnn*.

0250 System battery is dead - Replace and run SETUP
The CMOS clock battery indicator shows the battery is dead. Replace the battery and run Setup to reconfigure the system.

***0251 System CMOS checksum bad - Default configuration used**
System CMOS has been corrupted or modified incorrectly, perhaps by an application program that changes data stored in CMOS. The BIOS installed Default SETUP Values. If you do not want these values, enter Setup and enter your own values. If the error persists, check the system battery or contact Panasonic Technical Support.

0260 System timer error
The timer test failed. Requires repair of system board.

0270 Real time clock error
Real-time clock fails BIOS test. May require board repair.

***0280 Previous boot incomplete - Default configuration used**
Previous POST did not complete successfully. POST loads default values and offers to run Setup. If the failure was caused by incorrect values and they are not corrected, the next boot will likely fail. On systems with control of **wait states**, improper Setup settings can also terminate POST and cause this error on the next boot. Run Setup and verify that the wait-state configuration is correct. This error is cleared the next time the system is booted.

0281 Memory Size found by POST differed from EISA CMOS
Memory size found by POST differed from EISA CMOS.

02D0 System cache error - Cache disabled
Contact Panasonic Technical Support.

02F0: CPU ID:
CPU socket number for Multi-Processor error.

02F4: EISA CMOS not writable
ServerBIOS2 test error: Cannot write to EISA CMOS.

02F5: DMA Test Failed
ServerBIOS2 test error: Cannot write to extended DMA (Direct Memory Access) registers.

02F6: Software NMI Failed
ServerBIOS2 test error: Cannot generate software NMI (Non-Maskable Interrupt).

02F7: Fail - Safe Timer NMI Failed
ServerBIOS2 test error: Fail-Safe Timer takes too long.

***device* address Conflict**
Address conflict for specified *device*.

Allocation Error for: *device*
Run ISA or EISA Configuration Utility to resolve resource conflict for the specified *device*.

Failing Bits: *nnnn*
The hex number *nnnn* is a map of the bits at the RAM address which failed the memory test. Each 1 (one) in the map indicates a failed bit. See error 230,231 or 232 for offset address of the failure in System, Extended or Shadow memory.

Invalid System Configuration Data
Problem with NVRAM (CMOS) data.

I/O device IRQ conflict
I/O device IRQ conflict error.

Operating System not found
Operating system cannot be located on either drive A: or drive C: Enter Setup and see if fixed disk and drive A: are properly identified.

Parity Check 1 *nnnn*
Parity error found in the system bus. BIOS attempts to locate the address and display it on the screen. If it cannot locate the address, it displays ????. Parity is a method for checking errors in binary data. A parity error indicates that some data has been corrupted.

Parity Check 2 *nnnn*
Parity error found in the I/O bus. BIOS attempts to locate the address and display it on the screen. If it cannot locate the address, it displays ????.

Press <F1> to resume, <F2> to Setup
Displayed after any recoverable error message. Press <F1> to start the boot process or <F2> to enter a Setup and change the settings. Write down and follow the information shown on the screen.

4. Diagnostic Test

4.1 Equipment

(1) Test Computer ····· 1 unit
(2) External Floppy Disk Drive ····· 1 unit
(3) AC Adapter ····· 1 pc.
(4) Loopback Plug (Serial Port Test for RS232C) [P/N: DFWV95C0067] ····· 1 pc.
(5) Floppy Disk containg file DIAG ····· 1 pc.

4.2 Preparation

(1) Connect the AC Adapter and External Equipments.
(2) The System Setup should be set to the factory setting values by executing the “SETUP UTILITY” which can be invoked by F2 key at the POST.
If not, the messages and items of the diagnostic test may not be displayed properly on the LCD.
(3) The serial port must be enabled in the “SETUP UTILITY” in order to execute the “1st SERIAL PORT” test.
(4) Connect the serial loopback plug.

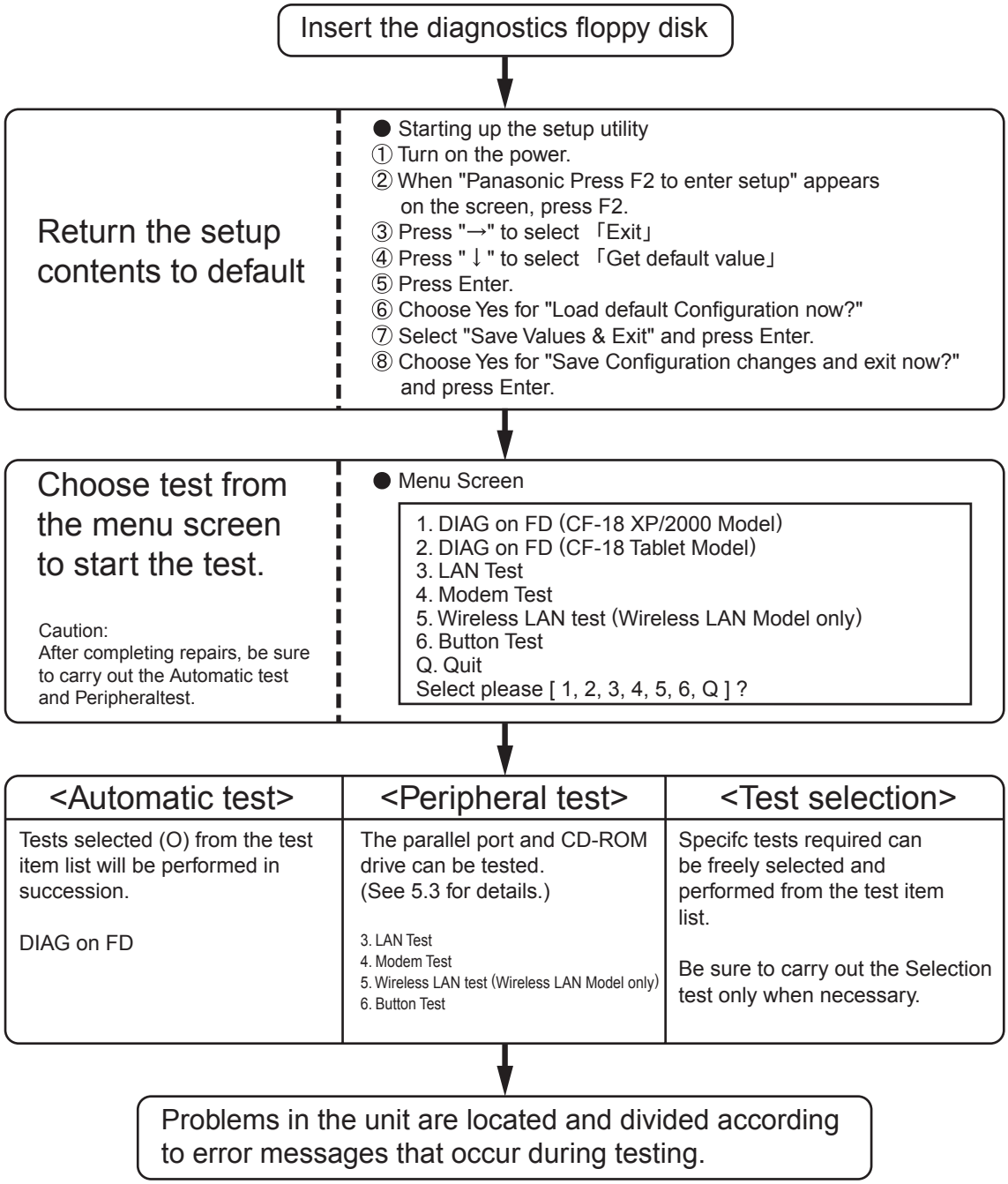
5 Self Diagnosis Test

Floppy disk is Included for the self-diagnostic tests that should be performed before using this product.
Important notice

1. System password
   If the password function has been turned on, you will need to ask the user for the password before performing the self-diagnostics.

2. FDD test
   Performing the FDD test will erase the contents of the floppy disk you insert into the drive. Use a formatted disk that has no contents or whose contents are not required. This product has a password function. However, if this function is turned on, the self-diagnostics tests will not work.

5.1. Outline of Self Diagnostic Tests


Insert the diagnostics floppy disk
Return the setup contents to default
● Starting up the setup utility
① Turn on the power.
② When "Panasonic Press F2 to enter setup" appears on the screen, press F2.
③ Press "→" to select 「Exit」
④ Press " ↓ " to select 「Get default value」
⑤ Press Enter.
⑥ Choose Yes for "Load default Configuration now?"
⑦ Select "Save Values & Exit" and press Enter.
⑧ Choose Yes for "Save Configuration changes and exit now?" and press Enter.
Choose test from the menu screen to start the test.
Caution:
After completing repairs, be sure to carry out the Automatic test and Peripheraltest.
● Menu Screen
1. DIAG on FD (CF-18 XP/2000 Model)
2. DIAG on FD (CF-18 Tablet Model)
3. LAN Test
4. Modem Test
5. Wireless LAN test (Wireless LAN Model only)
6. Button Test
Q. Quit
Select please [1, 2, 3, 4, 5, 6, Q] ?
<Automatic test>
Tests selected (O) from the test item list will be performed in succession.
DIAG on FD
<Peripheral test>
The parallel port and CD-ROM drive can be tested.
(See 5.3 for details.)
3. LAN Test
4. Modem Test
5. Wireless LAN test (Wireless LAN Model only)
6. Button Test
<Test selection>
Specifc tests required can be freely selected and performed from the test item list.
Be sure to carry out the Selection test only when necessary.
Problems in the unit are located and divided according to error messages that occur during testing.

5.1.1 List of main test items

The Selection item displays the items selected under Automatic test. If you select Automatic test, these test items will be performed automatically. You can use Selection test to choose items from the menu screen that you want to have tested.
These items are shown below.

1		SPEAKER TEST	Speaker test	○
2		VESA MODE TEST	VESA mode test	○
3	CPU (CPU related)	A20 GATE TEST	Address A20 line	○
4		CACHE ON/OFF TEST	Cache memory on/off test	○
5		NPU OPERAND TEST	Floating point processor function test	○
6	RAM (Memory related)	RAM STANDARD TEST	Memory standard test	○
7	CONTROL (Control ICs on the main board, etc.)	DMA PAGE REG TEST	DMA page register test	○
8		DMA REGISTER TEST	DAM register test	○
9		DMAC TRANSFER TEST	DAM transfer test	○
10		PIC HALT INSTRUCTION TEST	Interrupt controller halt instruction test	○
11		PIC REGISTER TEST	Interrupt controller register test	○
12		RTC CMOS RAM TEST	Real time clock CMOS test	○
13		RTC TEST	Real time clock test	○
14		PIT CH0 TEST	interrupt timer CH0	○
15		PIT CH1 TEST	interrupt timer CH1	○
16		PIT CH2 TEST	interrupt timer CH2	○
17	IO (Input-output)	KEYBOARD REG TEST	Keyboard test	○
18		PS/2 MOUSE REG	Mouse registration test	○
19	COMMUNICATION	SERIAL WRAP TEST	Serial loop back (jig required)	——
20		SERIAL ALL INTERNAL TEST	Serial port interior test	○
21		PARALLEL REGISTER R/W	Parallel register R/W test	○
22	AUX (Auxiliary functions)	PCIC ALL TEST	PCIC test	○
23		Card Bus Reg	Card Bus register test	○
24		USB Reg	USB register test	○
25	VIDEO (Display related)	VGA ALL TEST	VGA test	○
26		SVGA RAM TEST	SVGA RAM test	○
27	DISK (FDD, HDD)	FD WT/RD/WP TEST	FD WT, RD WP test	——
28		HDD ALL TEST	Only HDD lead test selected	○
29	UNIQUE (Individual functions)	ECP REGISTER R/W	ECP register R/W test	○
30		EPP REGISTER R/W	EPP register R/W test	○
31		EXT. CMOS R/W TEST	Extension CMOS R/W test	○

	Test function settings	Test condition save/play	Following file command
		Test automatic execute	Test executed on run settings by selecting command
		Error display (Paging style)	Select displayed items Error, Log, Option

5.2. Automatic Test

Test execution

From the menu screen shown below For Celeron models Select and press Enter for DIAG on FD

```
1. DIAG on FD (CF-18 XP/2000 Model)
2. DIAG on FD (CF-18 Tablet Model)
3. LAN Test
4. Modem Test
5. Wireless LAN test (Wireless LAN Model only)
6. Button Test
Q. Quit
Select please [ 1, 2, 3, 4, 5, 6, Q ] ?
```

menu screen

Speaker test, VESA test
The speaker test involves listening to music and choosing OK or Not okay. The VESA test involves looking at the display to see if it is satisfactory then choosing OK or Not okay.

Serial loop back test
The Automatic test's initial settings are set so that the serial loop back test will be executed. Connect the serial loop back jig and then perform the test.
(This test is not executed on default mode)

Diagnostics result

If no errors occur. The screen shows the word "Pass" in large letters.
If errors occur. The test is stopped when an error occurs and the error message is displayed.
For explanations of error messages, see Error Messages and Problem Categories (section 5.5).

Quitting the test

At the screen shown below, simultaneously press the ALT and X keys.

Input screen

5.3. Peripheral Test

Test execution

From the menu screen shown below, be sure to choose the following items and press Enter.

```
1. DIAG on FD (CF-18 XP/2000 Model)
2. DIAG on FD (CF-18 Tablet Model)
3. LAN Test
4. Modem Test
5. Wireless LAN test (Wireless LAN Model only)
6. Button Test
Q. Quit
Select please [ 1, 2, 3, 4, 5, 6, Q ] ?
```

menu screen

3. LAN Test

4. Modem Test

5. Wireless LAN Test

(Wireless LAN Model only.)
This test checks for internal LAN device.
Choose LAN test and press Enter.

5 .4. Test Selection

Starting up the input menu

1. From the menu screen shown below, choose Quit and press Enter.

```
1. DIAG on FD (CF-18 XP/2000 Model)
2. DIAG on FD (CF-18 Tablet Model)
3. LAN Test
4. Modem Test
5. Wireless LAN test (Wireless LAN Model only)
6. Button Test
Q. Quit
Select please [ 1, 2, 3, 4, 5, 6, Q ] ?
```

menu screen

2. When A: \DIAG appears, input "JDG_185" and press Enter.
3. The input screen shown below will appear.
   To choose menu items, hold down "ALT" and press the selection key.

Example:
"AL T" + "F" brings up the File menu.

Input screen

Order of test flow selection

Input screen startup

1. Reading the test conditions settings file
① Press "AL T" and "F".
② Press "L".
③ Press "AL T" and "C".
④

If the test condition settings file is not read, this means the test program is not running correctly .

2. setting the test items
① Press "AL T" and "S".
② Press "S".
③ Choose the test item and press Enter .
④ Choose the test whose settings are to be changed, press "A" for Additional and "R" for Erase.
All initial V Alues are "0" so set tests other than the necessary ones to "1".
⑤ Press "C" twice to return the menu screen.
⑥ To save the selected list, press "AL T" and "F" at the file menu.

【Saving selected test items】
If you change the file name when saving the file in step ⑥, you can create test condition settings for custom test items.
Example:
CF-18 ＊＊＊ → TEST1.＊＊＊ .

◆Starting the test
- Press "AL T" and "R".
- Press "R".

This will start the test.

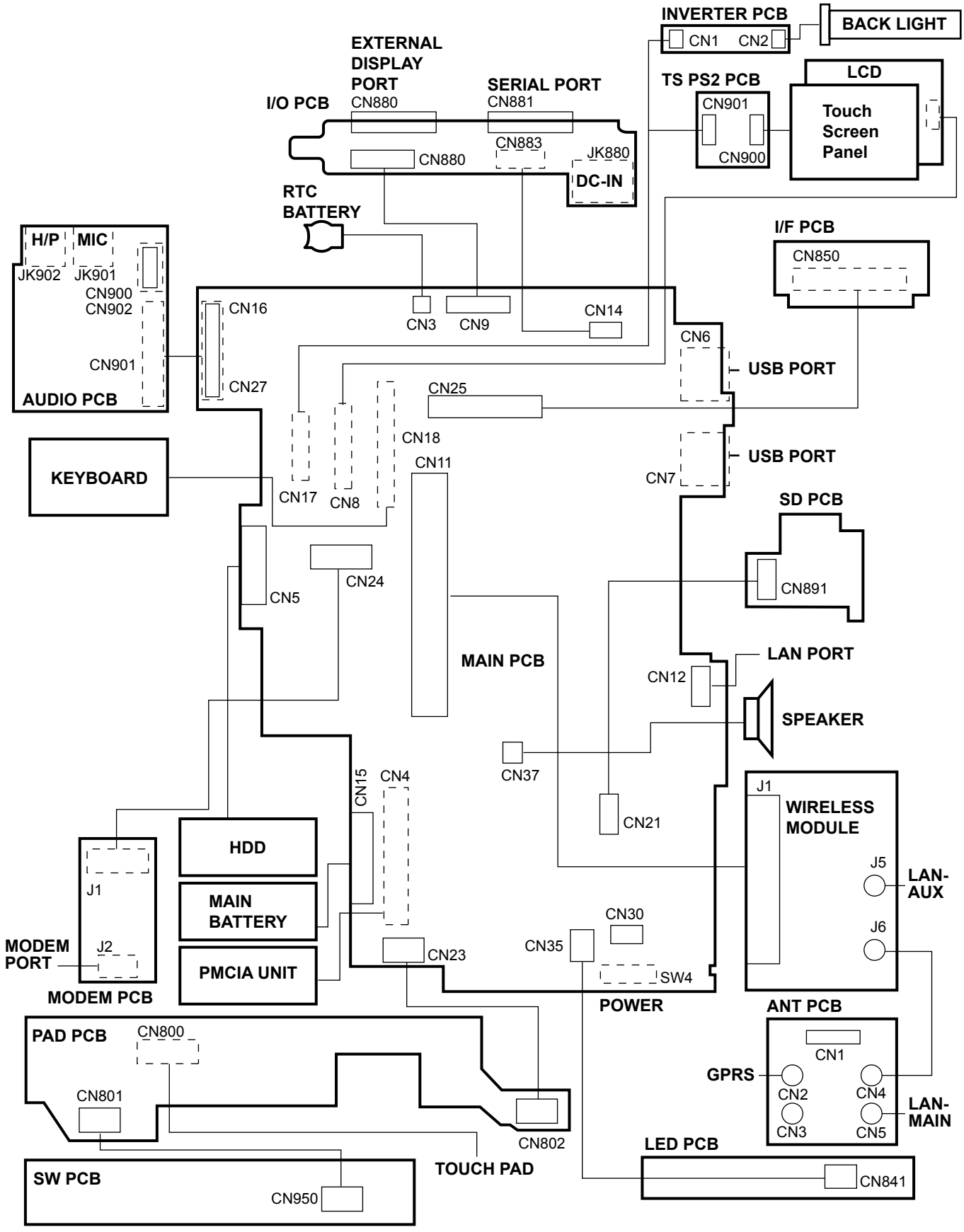
End of test

5.5. Error Messages and Troubleshooting

The table below explains the parts that may be faulty or damaged should an error message occur while performing the various test items of the self diagnostics program.

	Test classification	Screen display test items	Contents
1	CPU	A20 GATE TEST	Address 20 line
2	(CPU related)	CACHE ON/OFF	Cache memory on/off
3		NPU OPERAND TEST	Floating point processor function
4	RAM (Memory related)	RAM STANDARD	Memory standard
5	CONTROL	DMA PAGE REG TEST	DMA page register
6	(Control ICs on the	DMA REGISTER TEST	DAM register
7	main board, etc.)	DMAC Transfer TEST	DAM transfer test
8		PIC HALT INSTRUCTION TEST	Interrupt controller
9		PIC REGISTER TEST	Interrupt controller
10		RTC CMOS RAM TEST	Real time clock CMOS
11			
12		SPEAKER TEST	Speaker
13		PIT CH0 TEST	Interrupt timer CH0
14		PIT CH1 TEST	Interrupt timer CH1
15		PIT CH2 TEST	Interrupt timer CH2
16	IO	KEYBOARD REG TEST	Keyboard
17	(Input-output)	PS/2 MOUSE REG	Mouse
18	COMMUNICATION	SERIAL WRAP TEST	Serial loop back (jig required)
19		SERIAL ALL INTERNAL TEST	Serial port
20		PARALLEL REGISTER R/W	Parallel register
21	AUX	PCIC ALL TEST	PCIC
	(Auxiliary functions)	Card Bus REG	Card Bus port
		USB REG	USB port
22	VIDEO	VGA ALL TEST	VGA
23	(Display related)	SVGA RAM TEST	SVGA RAM
24		VESA MODE TEST	VESA mode
25	DISK	FD WT/RD/WP TEST	FD write/read/write protection
26	(FDD, HDD)	HDD ALL TEST	Only HDD lead selected
27	UNIQUE	ECP REGISTER R/W	Parallel port
28	(Individual functions)	EPP REGISTER R/W	Parallel port
29		EXT. CMOS R/W TEST	Extension CMOS R/W test

6 Wiring Connection Diagram



7 Disassembly/Reassembly

Note:
Power off the computer. Do not shut down to the Suspend or hibernation mode.
Do not add peripherals while the computer is in the Suspend or hibernation mode; abnormal operation may result.

7.1. Disassembly Instructions

7.1.1. Preparation

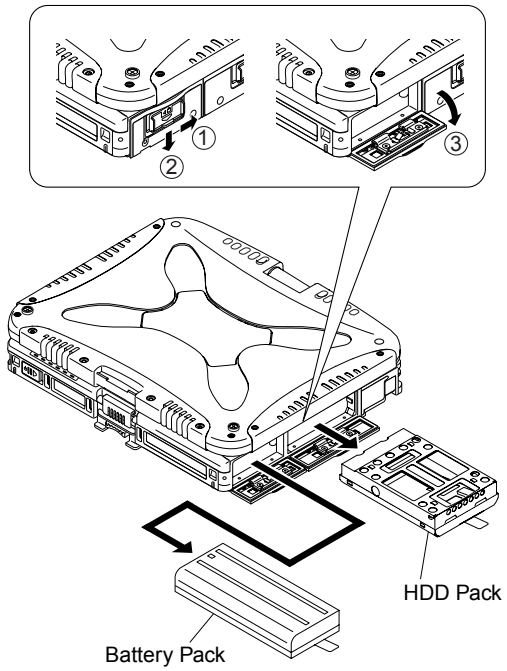
Before disassembling, be sure to make the following preparations.

- Shut down Windows and turn off the power.
- Disconnect the AC adaptor.
- Remove the optional DIMM memory card and PCMCIA card if they are connected.
- Remove other devices if they are connected.

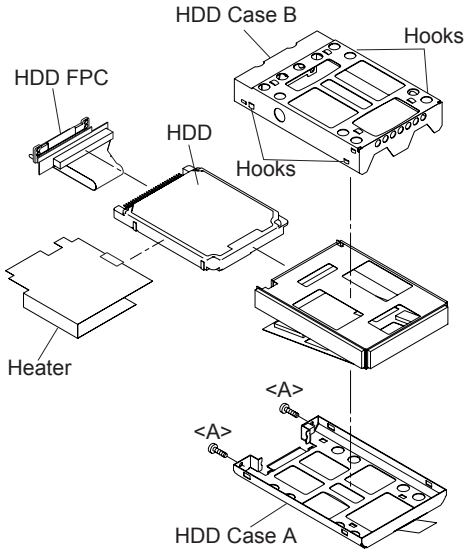
Attention:

- Please execute writing BIOS ID when you exchange the Main Board.
- Parts (Sheet and rubber) etc. related various the Conductive Cloth and Heat Spreader cannot be recycled. Use new parts.

7.1.2. Removing the Battery Pack and HDD Pack



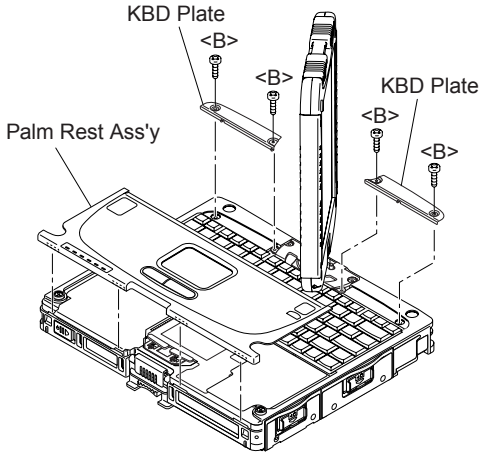
1. Open the Battery Cover.
2. Remove the Battery Pack.
3. Open the HDD Cover.
4. Remove the HDD Pack.



5. Remove the two Screws <A>.
6. Remove the HDD Case A and the HDD Case B.
7. Remove the HDD.

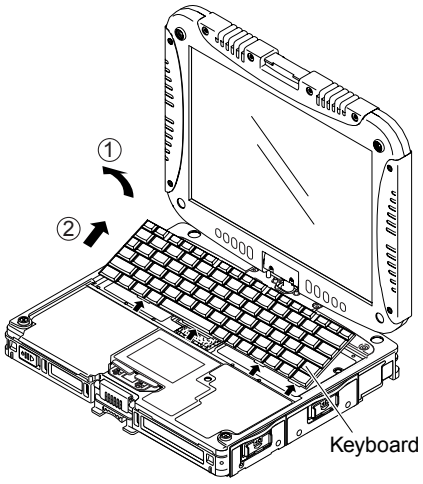
Screws <A>:DFHE5025XA

7.1.3. Removing the Touch Pad and Keyboard

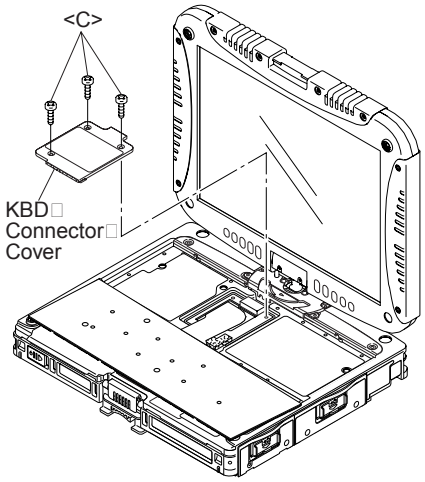


1. Remove the Palm Rest Ass'y.
   Note:
   The Palm Rest Ass'y is firmly fixed with two-sided tape.
   Carefully remove the Palm Top Cover Sheet not to damage it.
2. Remove the four Screws <B>.

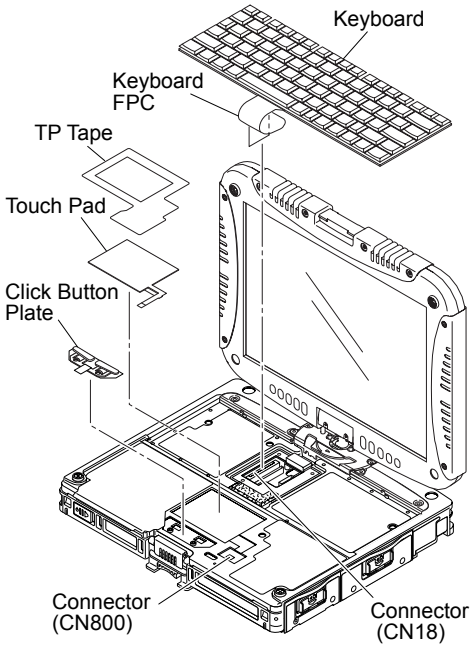
3. Remove the KBD Plate.



4. Lift the far side of the Keyboard and slide it to backward, and then turn the Keyboard over frontward.



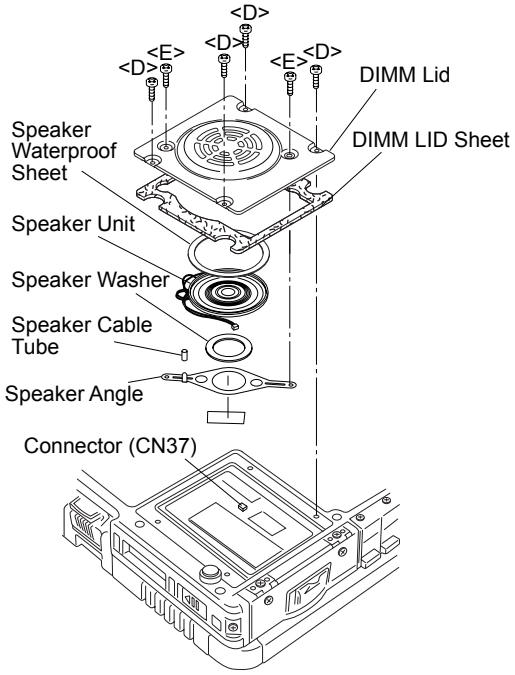
5. Remove the three Screws <C>.
6. Remove the KBD Connector Cover.



7. Disconnect the Cable from Connector (CN18).
8. Remove the Keyboard.
9. Remove the TP Tape.
10. Disconnect the Cable from Connector (CN800).
11. Remove the Touch Pad and Click Button Plate.

Screws <B>:DRSB2+5FKL
Screws <C>:DFHE5025XA

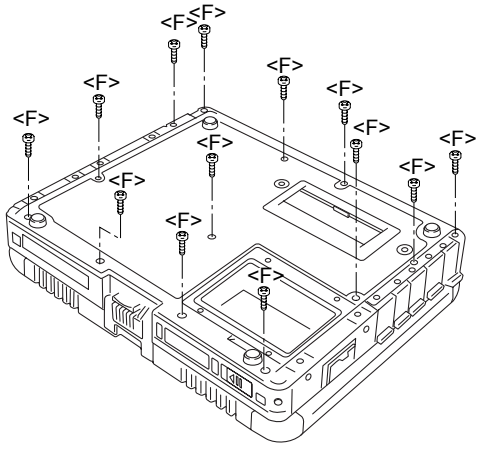
7.1.4. Removing the Speaker Angle and DIMM Lid



1. Remove the four Screws <D>.
2. Disconnect the Cable from Connector (CN37).
3. Remove the DIMM Lid.
4. Remove the two Screws <E>.
5. Remove the Speaker Angle.

Screws <D>: DRQT2+D2FKL
Screws <E>: DRHM5025YA

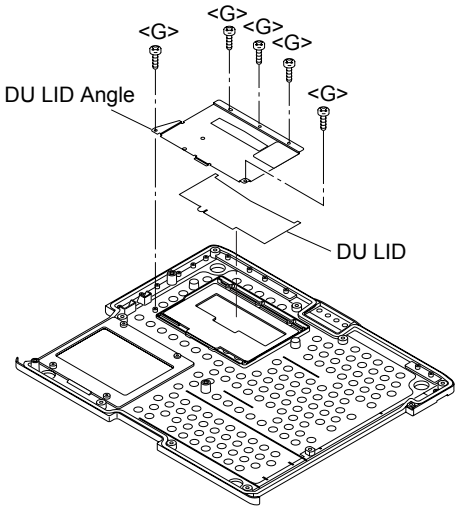
7.1.5. Removing the Rear Cabinet



1. Remove the thirteen Screws <F>.
2. Open the LID Rubbers.
3. Remove the Rear Cabinet.

Screws <F>:DRHM0061ZA

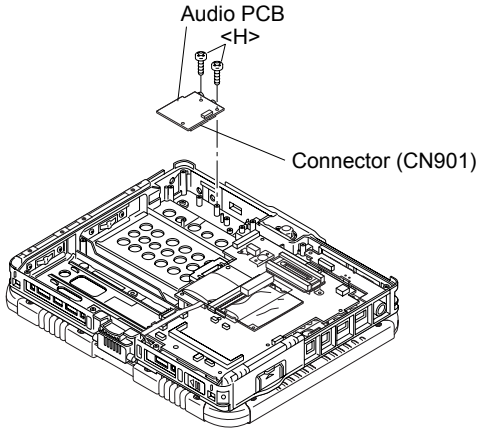
7.1.6. Removing the DU Lid Unit



1. Remove the five Screws <G>.
2. Remove the DU Lid Angle and DU Lid.

Screws <G>:DRHM5025YA

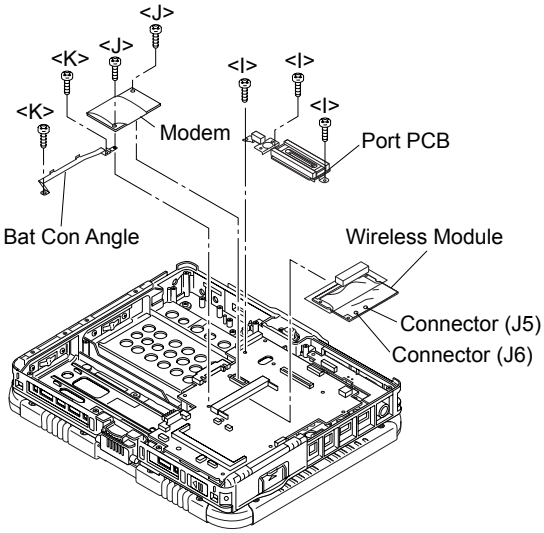
7.1.7. Removing the Audio PCB



1. Remove the two Screws <H>.
2. Disconnect the Cable from a Connector (CN901).
3. Remove the Audio PCB.

Screws <H>:DRSB2+5FKL

7.1.8. Removing the Wireless Module, Port PCB and Modem



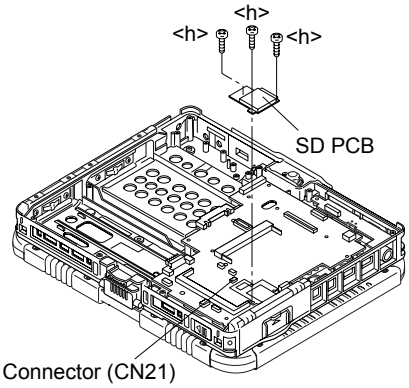
Note:

This procedure is not necessary if the computer is not equipped with Wireless Module or Modem PCB.

1. Disconnect the two Antenna Cables from two Connectors (J5, J6).
2. Remove the Wireless Module.
3. Remove the three Screws <I>.
4. Remove the Port PCB.
5. Remove the two Screws <J>.
6. Remove the Modem.
7. Disconnect the Modem cable from the connector.
8. Remove the two Screws <K>.
9. Remove the BAT CON angle.

Screws <I>:DRSB2+5FKL
Screws <J>:XSB2+4FNL
Screws <K>:DRSB2+5FKL

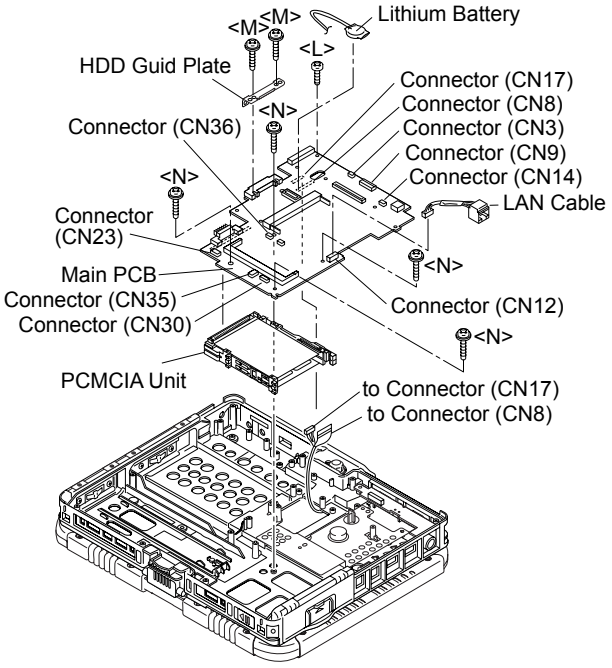
7.1.9. Removing the SD PCB



1. Disconnect the Cable from Connector(CN21).
2. Remove the three Screws <h>
3. Remove the SD PCB.

Screws <h>:DXQN2+A22FNL

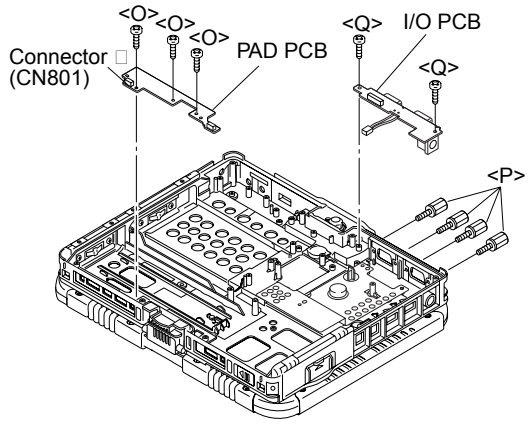
7.1.10. Removing the Main PCB and Lithium Battery



1. Disconnect the Cable from Connector(CN3).
2. Remove the Lithium Battery.
3. Disconnect the seven Cables from seven Connectors (CN9, CN12, CN14, CN23, CN30, CN35, CN36).
4. Remove the Screw <L>.
5. Remove the two Screws <M>.
6. Disconnect the two Cables from two Connectors (CN8, CN17).
7. Remove the four Screws <N>.
8. Remove the Main PCB.
9. Remove the PCMCIA Unit.

Screw <L>:DRSB2+5FKL
Screws <M>:DXYN2+J12FNL
Screws <N>:DXYN2+J18FNL

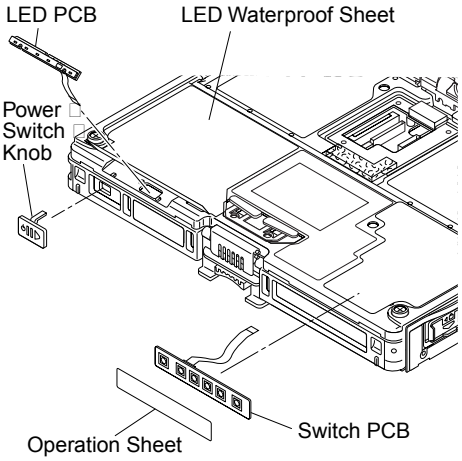
7.1.11. Removing the PAD PCB and I/O PCB



1. Disconnect the Cable from Connector (CN801).
2. Remove the three Screws <O>.
3. Remove the PAD PCB.
4. Remove the four Screws <P>.
5. Remove the two Screws <Q>.
6. Remove the I/O PCB.

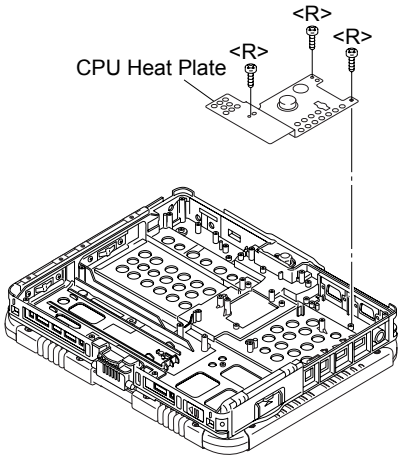
Screws <O>:DFHE5025XA
Screws <P>:DFHE5058ZB
Screws <Q>:DRSB2+5FKL

7.1.12. Removing LED PCB and Switch PCB



1. Remove the LED Waterproof Sheet.
2. Remove the LED PCB.
3. Remove the Switch PCB.
4. Remove the Power Switch.

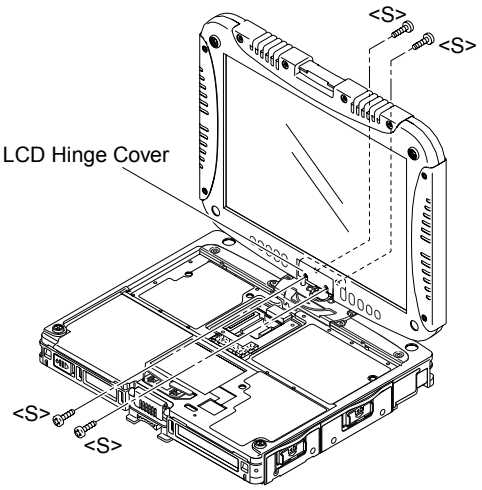
7.1.13. Removing the CPU Heat Plate



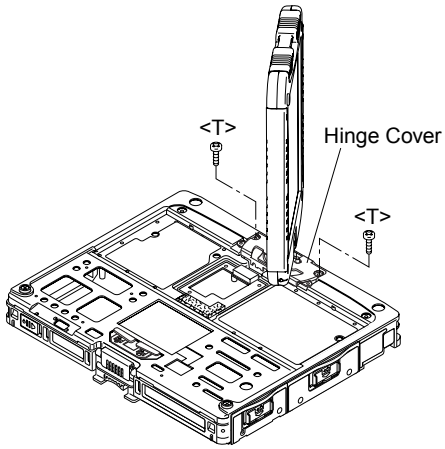
1. Remove the three Screws <R>.
2. Remove the CPU Heat Plate.

Screws <R>:DFHE5025XA

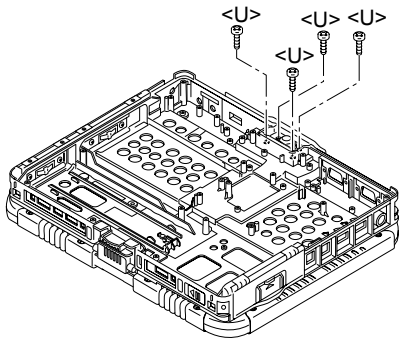
7.1.14. Removing the Display unit



1. Remove the four Screws <S>.
2. Remove the LCD Hinge Cover.



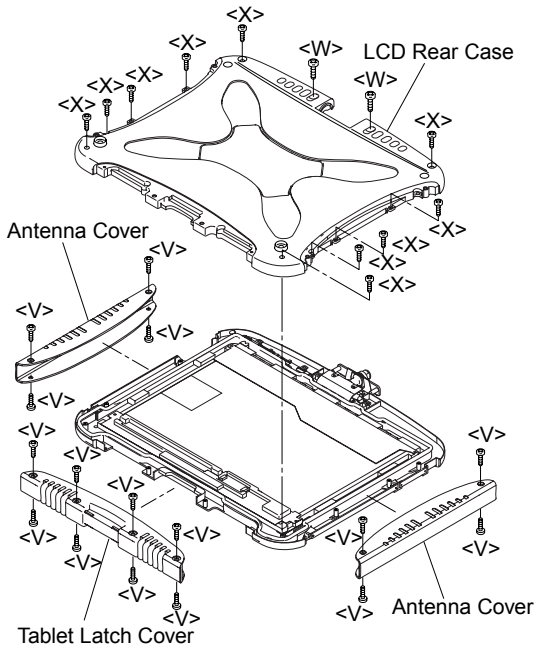
3. Display unit is half-rotated and removes the two Screws <T>.
4. Remove the four Screws <U>.



5. Turn the computer over.
6. Remove the Display Unit.

Screws <S> : DFHE5025XA
Screws <T> : DRSB2+5FKL
Screws <U> : DXYN4+J8FNL

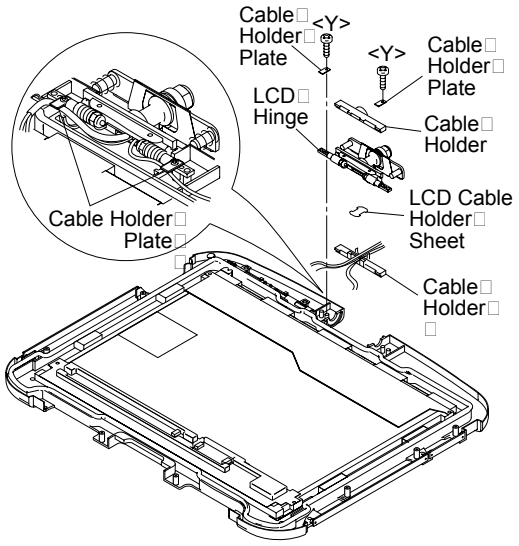
7.1.15. Removing the LCD Rear Case



1. Remove the eight Screws <V> on the front side of Display unit.
2. Remove the eight Screws <V> on the back side of Display unit.
3. Remove Antenna Cover and Tablet Latch Cover.
4. Remove the two Screws <W>.
5. Remove the ten Screws <X>.
6. Remove the LCD Rear Case.

Screws <V> : DRQT26+E5FKL
Screws <W> : DXYN3+J10FNL
Screws <X> : DXYN2+J6FNL

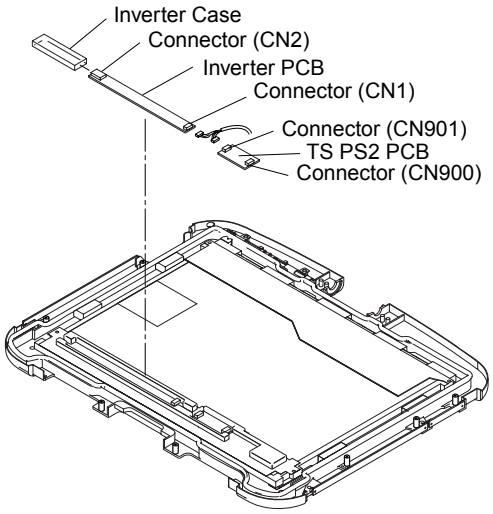
7.1.16. Removing the LCD Hinge



1. Remove the Cable Holder.
2. Remove the two Screws <Y>.
3. Remove the Cable Holder Plate and LCD Hinge.

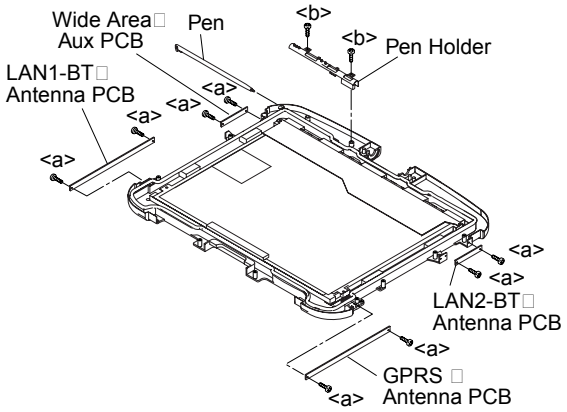
Screws <Y> : DXYN3+J8FNL

7.1.17. Removing Inverter PCB and LCD Unit



1. Disconnect the two Cables from two Connectors (CN1, CN2).
2. Remove the Inverter Case and Inverter PCB.
3. Disconnect the two Cable from two connector (CN900, CN901).
4. Remove the TS PS2 PCB, then remove the LCD unit.

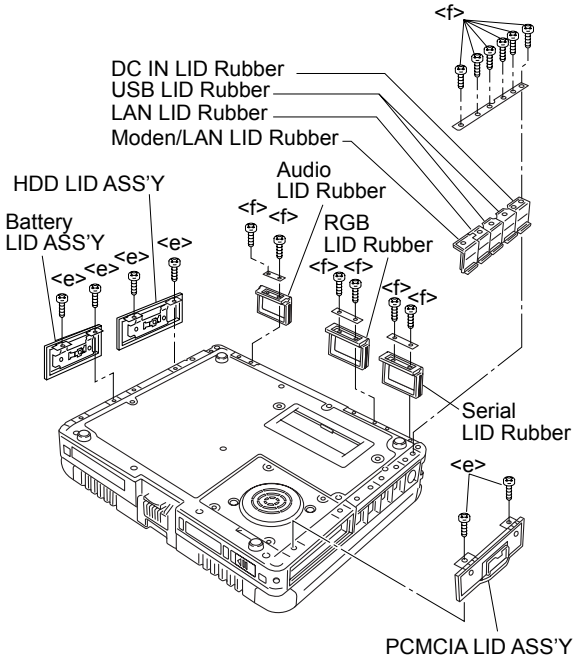
7.1.18. Removing GPRS Antenna PCB, LAN1-BT PCB, LAN2-BT PCB, Wide Area Aux PCBand Pen Holder



1. Remove the two Screws <a>.
2. Remove the GPRS Antenna PCB
3. Remove the two Screws <a>.
4. Remove the LAN1-BT PCB.
5. Remove the two Screws <a>.
6. Remove the LAN2-BT PCB.
7. Remove the two Screws <a>.
8. Remove the Wide Area Aux PCB.
9. Remove the Pen
10. Remove the two Screws <b>.
11. Remove the Pen Holder.

Screws <a> : DFHE5025XA
Screws <b> : DRHM5025YA

7.1.19. Removing the Each Cover



1. Remove the 12 Screws <f>.
2. Remove the Moden/LAN LID Rubber, LAN LID Rubber, USB LID Rubber, DC IN LID Rubber, Serial LID Rubber, RGB LID Rubber and Audio LID Rubber.
3. Remove the Rear Cabinet.
   (Refer to 7.1.5 Removing the Rear Cabinet)
4. Remove the six Screws <e>.
5. Remove the Battery LID ASS'Y, HDD LID ASS'Y and PCMCIA LID ASS'Y.

Screws <e>:DRQT26+D3FKL
Screws <f>:DRHM5025YA

7.2. Reassembly Instructions

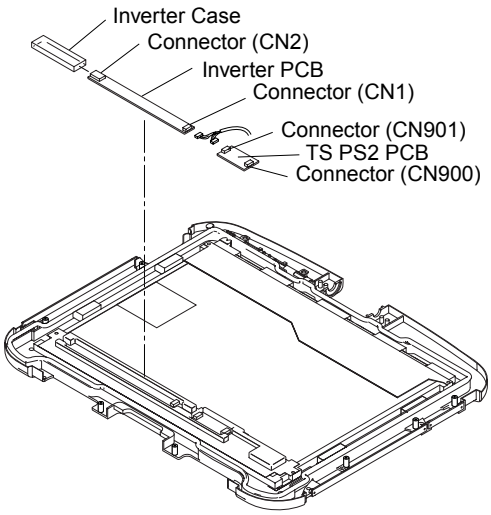
7.2.1. Attention when CF-18 series is repaired

- Please execute writing BIOS ID when you exchange the Main Board.
- Parts (Sheet and rubber) etc. related various the Conductive Cloth and Heat Spreader cannot be recycled. Use new parts.

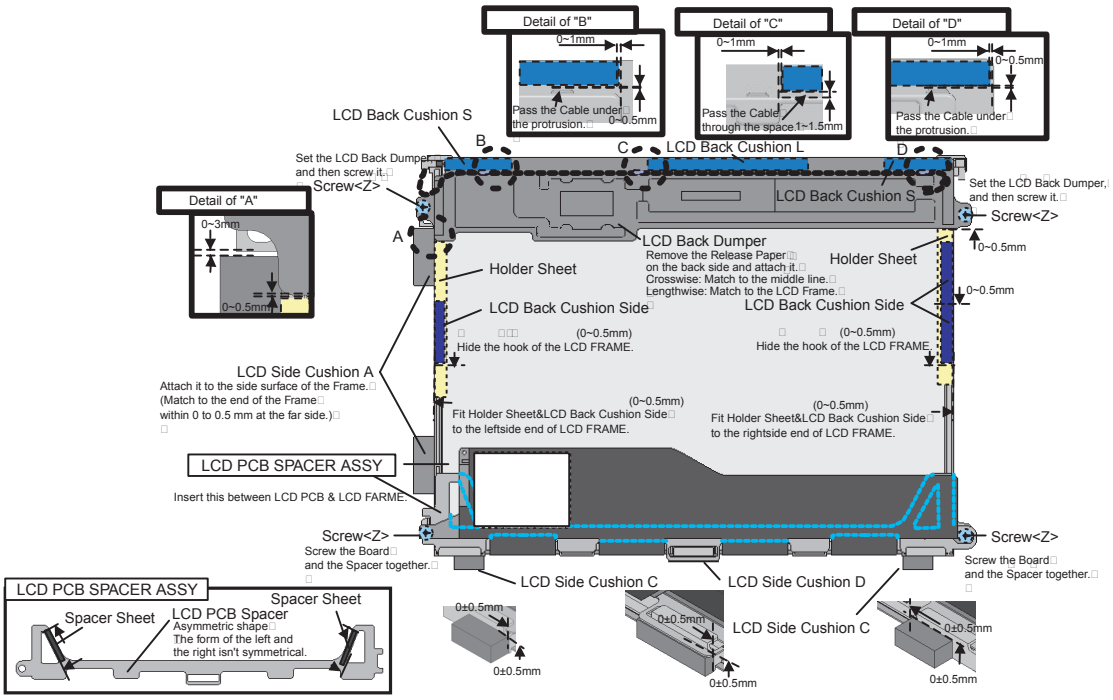
7.2.2. Setting up the LCD UNIT

1. Set the LCD UNIT to the LCD FRONT CABINET/TS PANEL.
2. Fix the LCD Back Damper using the 2 Screws. <Z>
3. Set the TS PS2 PCB on the LCD Back Damper, and connect the 2 Cables to the Connectors (CN900 and CN901).
4. Set the INVERTER PCB to the LCD Back Damper, and connect the 2 Cables to the Connectors (CN1 and CN2).

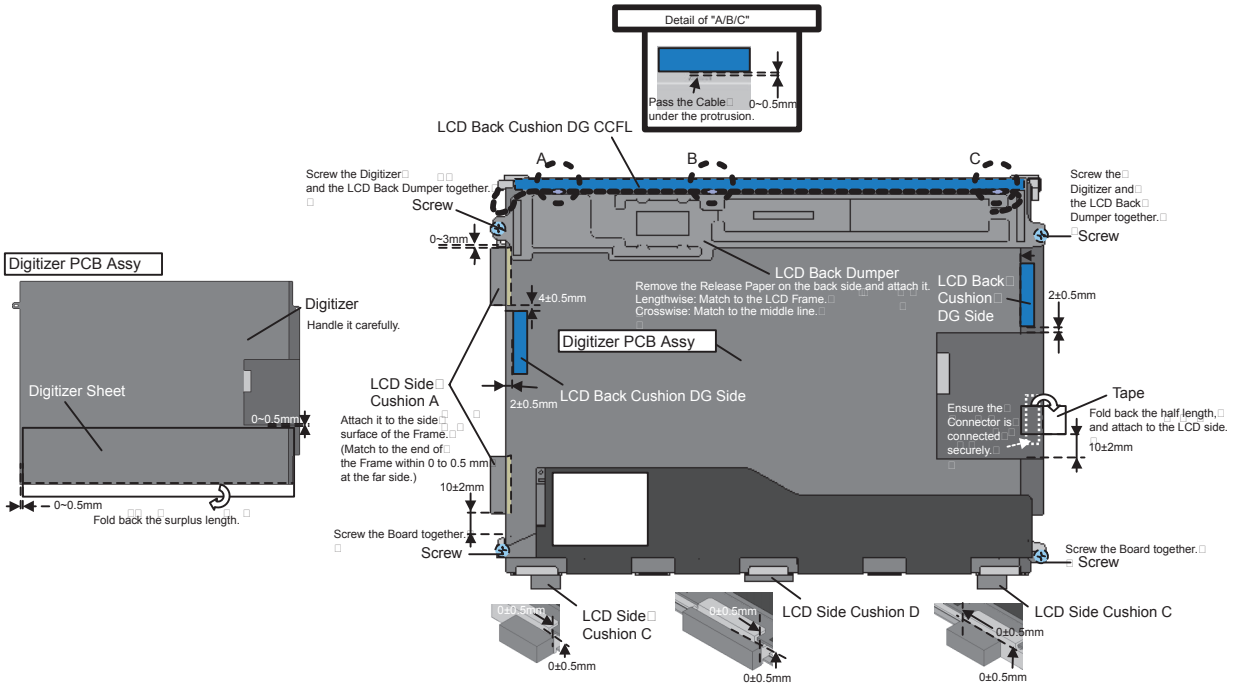
Screws <Z> :DXHM0042ZA



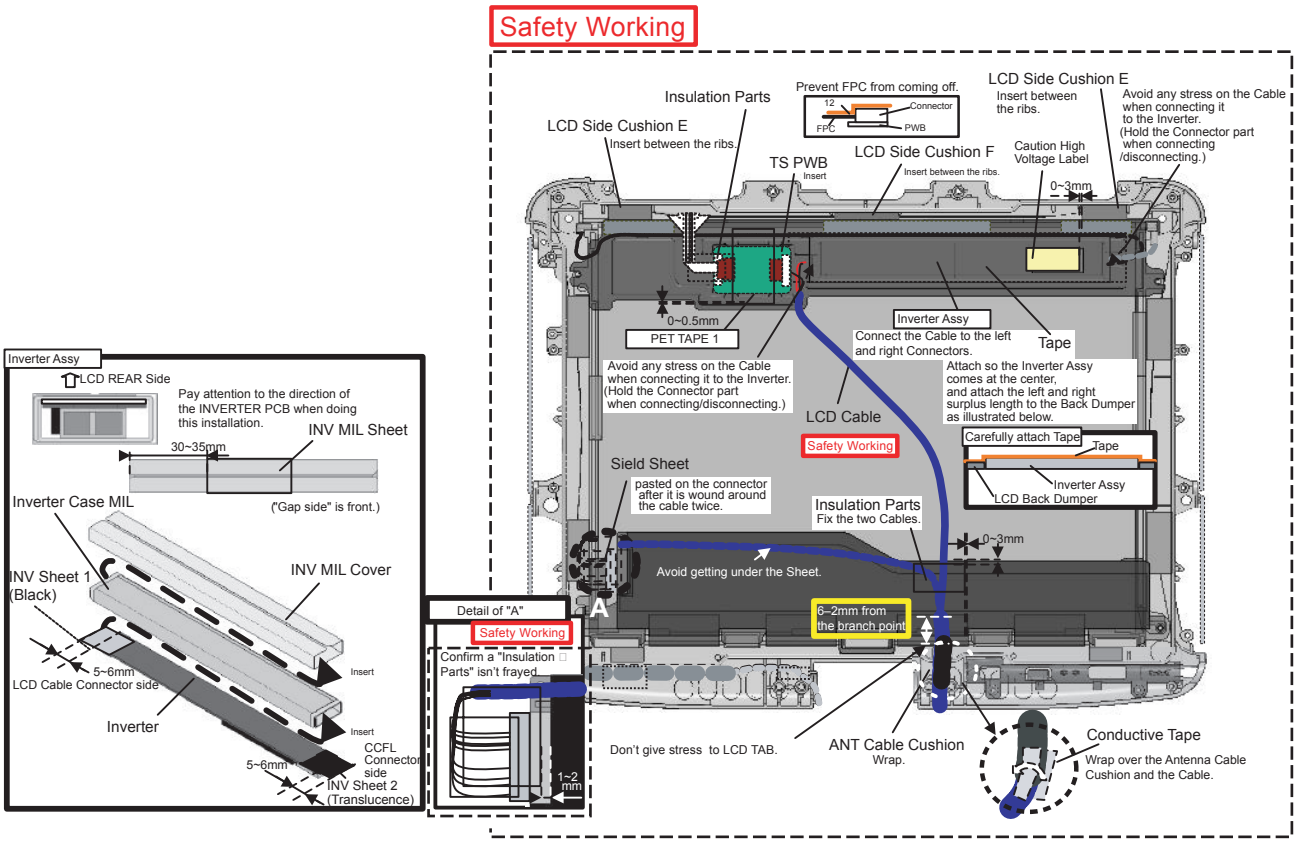
■ Assembly of LCD Back Damper (Applicable Model : Touch Screen Model)


Detail of "B"
Detail of "C"
Detail of "D"
Detail of "A"
LCD Back Cushion S
LCD Back Cushion L
LCD Back Dumper
Remove the Release Paper on the back side and attach it.
Crosswise: Match to the middle line.
Lengthwise: Match to the LCD Frame.
Holder Sheet
LCD Back Cushion Side
Hide the hook of the LCD FRAME.
LCD Side Cushion A
Attach it to the side surface of the Frame.
(Match to the end of the Frame within 0 to 0.5 mm at the far side.)
LCD PCB SPACER ASSY
Insert this between LCD PCB & LCD FARME.
Screw<Z>
Screw the Board and the Spacer together.
LCD Side Cushion C
LCD Side Cushion D
Fit Holder Sheet&LCD Back Cushion Side to the leftside end of LCD FRAME.
Fit Holder Sheet&LCD Back Cushion Side to the rightside end of LCD FRAME.
Pass the Cable under the protrusion.
Pass the Cable through the space.1~1.5mm
Set the LCD Back Dumper, and then screw it.
Spacer Sheet
LCD PCB Spacer
Asymmetric shape
The form of the left and the right isn't symmetrical.

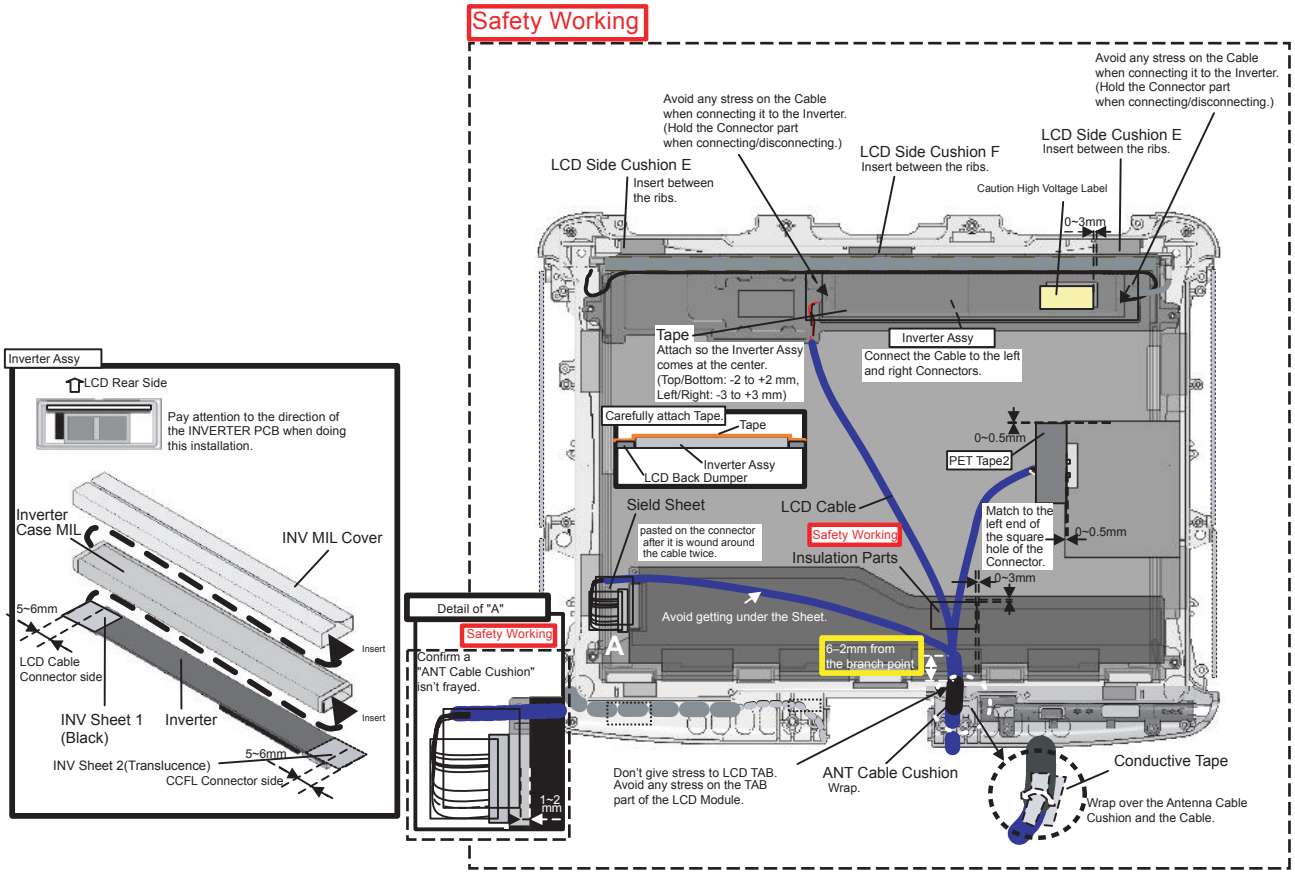
■ Assembly of LCD Back Damper (Applicable Model : Digitizer Model)



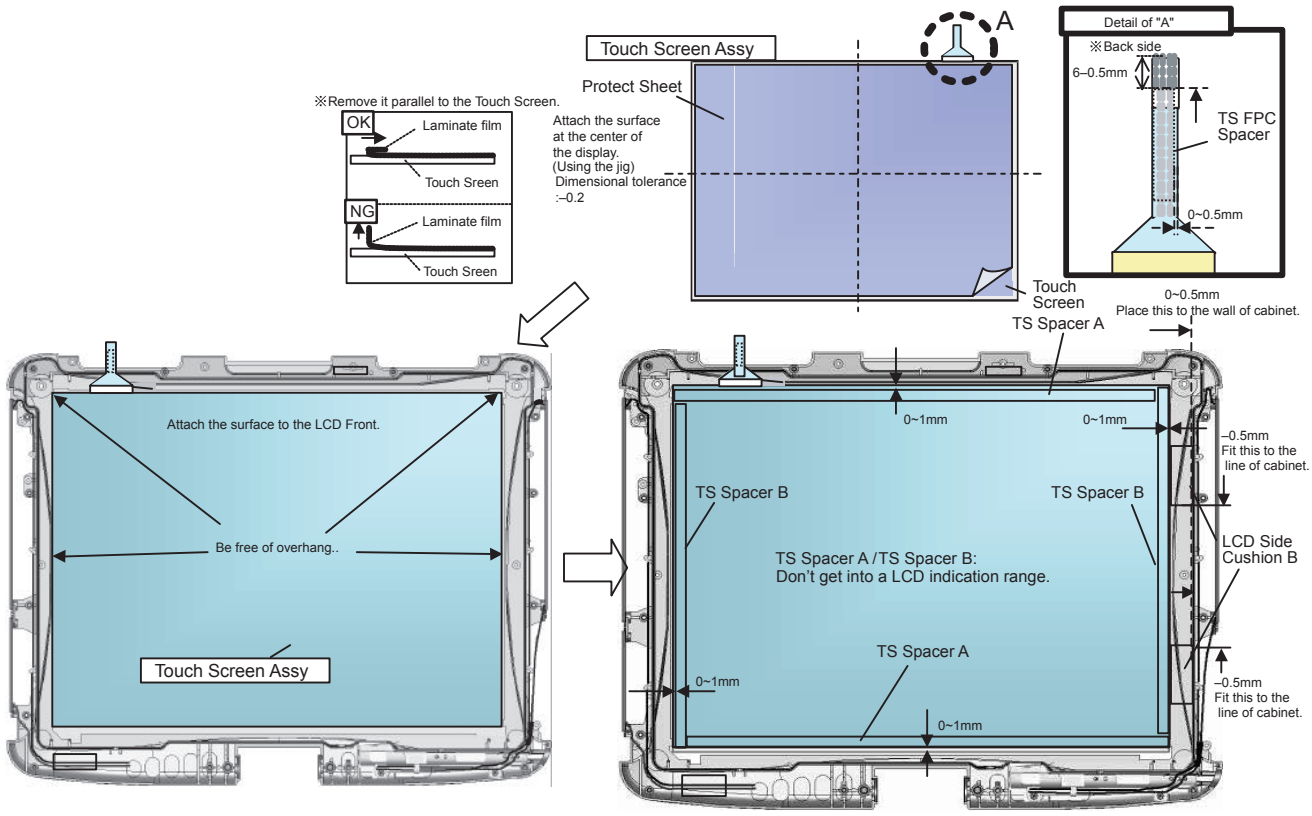
■ Assembly of Inverter PCB (Applicable Model : Touch Screen Model)



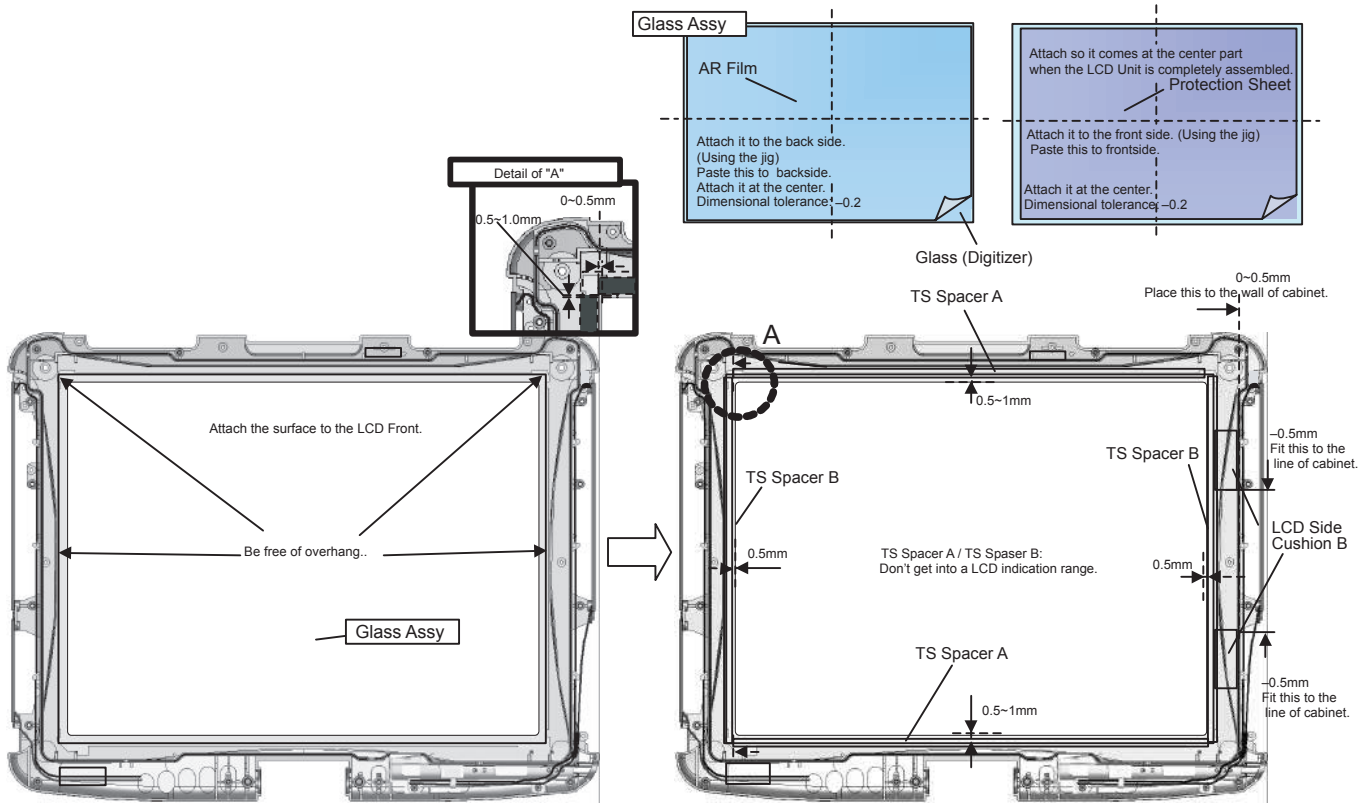
■ Assembly of Inverter PCB (Applicable Model : Digitizer Model)


Safety Working
Avoid any stress on the Cable when connecting it to the Inverter. (Hold the Connector part when connecting/disconnecting.)
LCD Side Cushion E
Insert between the ribs.
LCD Side Cushion F
Insert between the ribs.
Caution High Voltage Label
0~3mm
Tape
Attach so the Inverter Assy comes at the center. (Top/Bottom: -2 to +2 mm, Left/Right: -3 to +3 mm)
Inverter Assy
Connect the Cable to the left and right Connectors.
Carefully attach Tape.
Tape
Inverter Assy
LCD Back Dumper
0~0.5mm
PET Tape2
Sield Sheet
pasted on the connector after it is wound around the cable twice.
LCD Cable
Safety Working
Insulation Parts
Match to the left end of the square hole of the Connector.
0~0.5mm
0~3mm
Avoid getting under the Sheet.
A
6~2mm from the branch point
Inverter Assy
LCD Rear Side
Pay attention to the direction of the INVERTER PCB when doing this installation.
Inverter Case MIL
INV MIL Cover
5~6mm
LCD Cable Connector side
Insert
Insert
INV Sheet 1 (Black)
Inverter
INV Sheet 2(Translucence)
5~6mm
CCFL Connector side
Detail of "A"
Safety Working
Confirm a "ANT Cable Cushion" isn't frayed.
1~2 mm
Don't give stress to LCD TAB. Avoid any stress on the TAB part of the LCD Module.
ANT Cable Cushion
Wrap.
Conductive Tape
Wrap over the Antenna Cable Cushion and the Cable.

■ Assembly of Touch Screen (Applicable Model : Touch Screen Model)



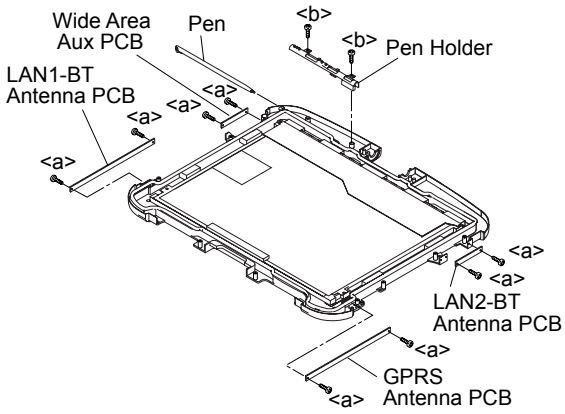
■ Assembly of Glass (Applicable Model : Digitizer Model)



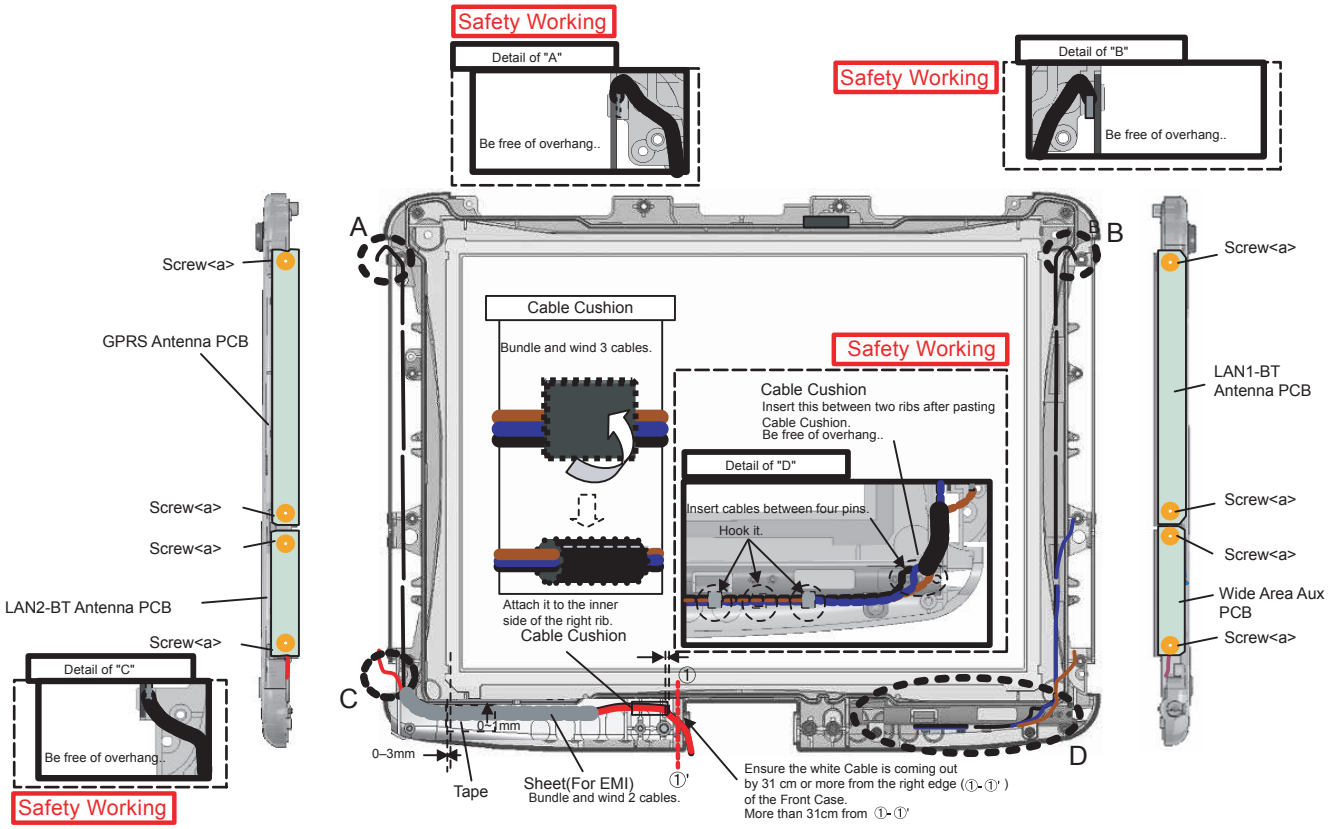
7.2.3. Assembling GPRS Antenna PCB, LAN1-BT PCB, LAN2-BT PCB, Wide Area Aux PCB, and Pen Holder

1. Fix the Pen Holder using the 2 Screws. <b>
2. Fix the Wide Area Aux PCB using the 2 Screws. <a>
3. Fix the LAN2-BT PCB using the 2 Screws. <a>
4. Fix the LAN1-BT PCB using the 2 Screws. <a>
5. Fix the GPRS Antenna PCB using the 2 Screws. <a>

Screws <a> : DFHE5025XA
Screws <b> : DRHM5025YA



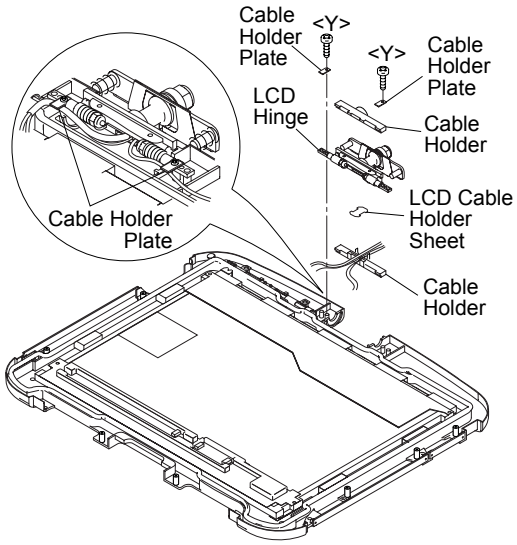
■ Line processing of Antenna Cable



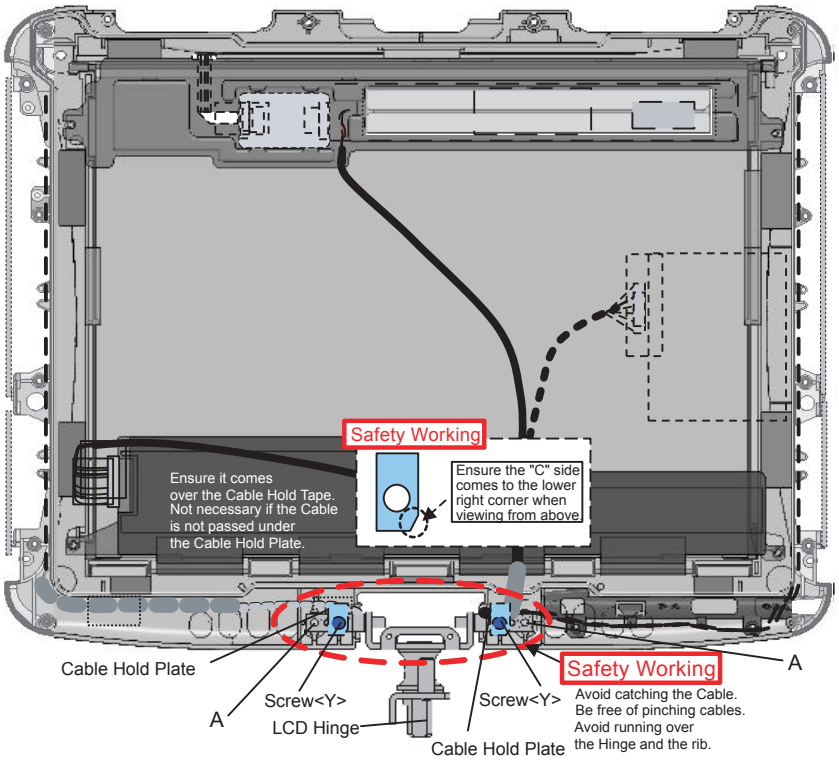
7.2.4. Setting up the LCD Hinge

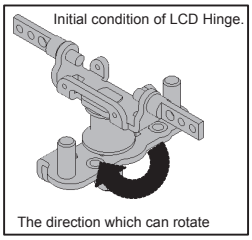
1. Wind the Cable coming out of the LCD Unit conterclock-wise to the LCD Hinge.
2. Set the Lock Plate and the Hinge Top Cover, and rotate the LCD Hinge to turn the Display Unit to front
3. Put the LCD Cable and the Antenna Cable in the Cable Holder.
4. Fit another Cable Holder and clamp the Cable Holders in the LCD Hinge.
5. Fix the LCD Hinge using the 2 Screws <Y> and the 2 Cable Holder Plates.

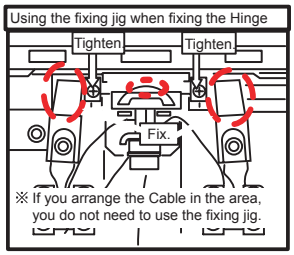
Screws <Y> : DXYN3+J8FNL



■ **Assembly of LCD Hinge**

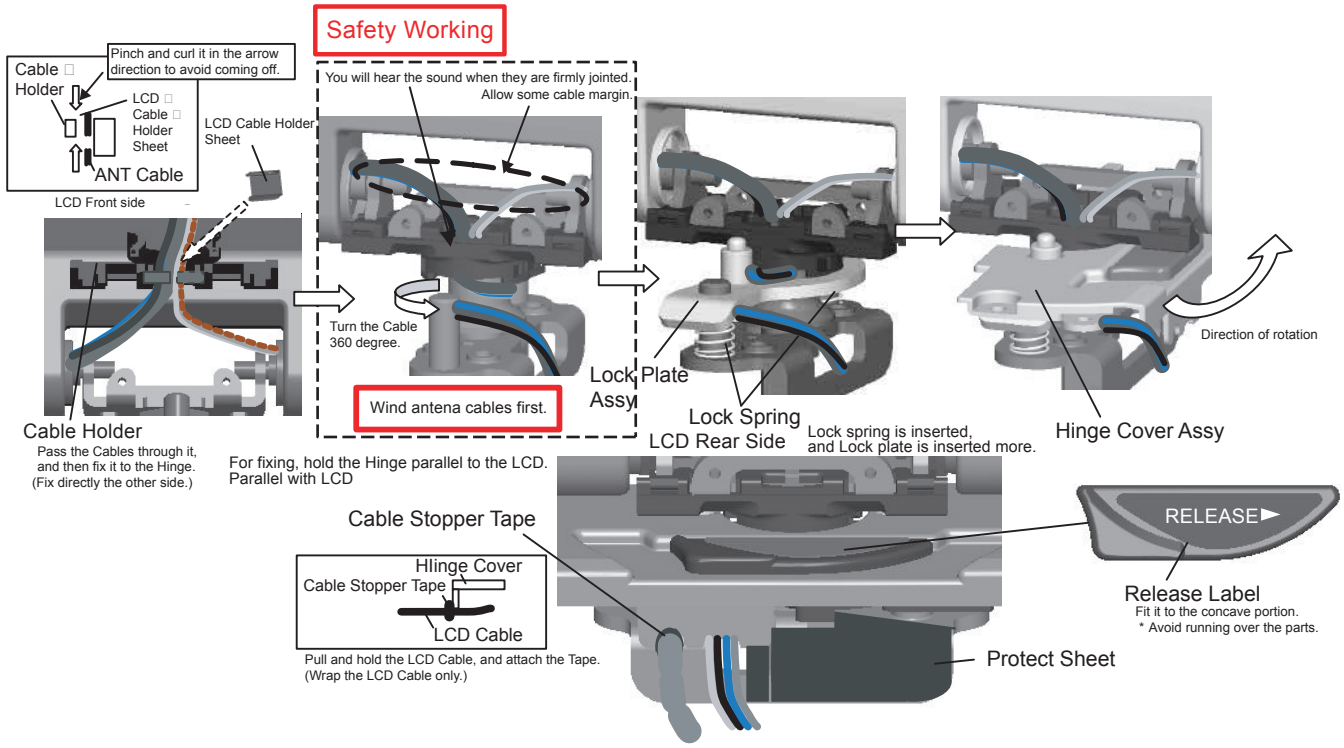

Safety Working
Ensure it comes over the Cable Hold Tape. Not necessary if the Cable is not passed under the Cable Hold Plate.
Ensure the "C" side comes to the lower right corner when viewing from above
Cable Hold Plate
A
Screw<Y>
LCD Hinge
A
Screw<Y>
Cable Hold Plate
Safety Working
A
Avoid catching the Cable.
Be free of pinching cables.
Avoid running over the Hinge and the rib.




Using the fixing jig when fixing the Hinge
Tighten
Tighten
Fix.
※ If you arrange the Cable in the area, you do not need to use the fixing jig.

Avoid catching the Cable (when repairing or when not using the jig).
Temporarily fix the both sides ("A") of the Hinge using the Screw <W>, and fix the Cable Hold Plate.
After fixing the Cable Hold Plate, remove the Screw <W> from the both sides ("A").
Cable Hold Plate is installed after it is kept in A temporarily.(using Screw<W>)

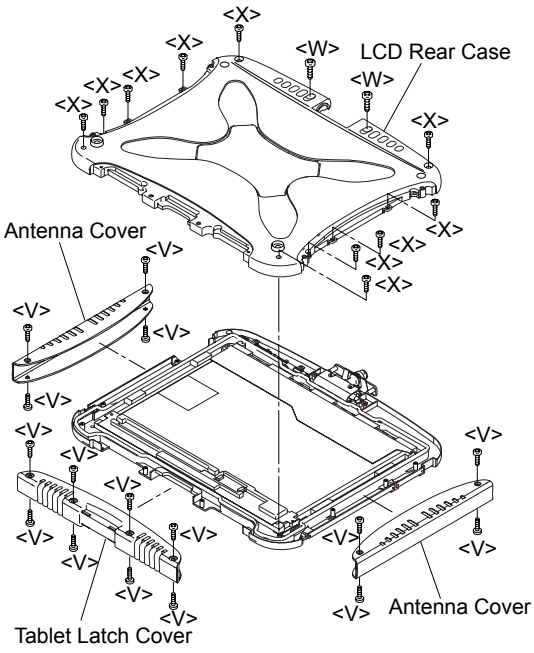
■ Line processing of Antenna Cable and LCD Cable


Safety Working
Cable Holder
Pinch and curl it in the arrow direction to avoid coming off.
LCD Cable Holder Sheet
ANT Cable
LCD Front side
LCD Cable Holder Sheet
You will hear the sound when they are firmly jointed.
Allow some cable margin.
Turn the Cable 360 degree.
Wind antena cables first.
Lock Plate Assy
Lock Spring
LCD Rear Side
Lock spring is inserted, and Lock plate is inserted more.
Direction of rotation
Hinge Cover Assy
Cable Holder
Pass the Cables through it, and then fix it to the Hinge. (Fix directly the other side.)
For fixing, hold the Hinge parallel to the LCD.
Parallel with LCD
Cable Stopper Tape
HIinge Cover
Cable Stopper Tape
LCD Cable
Pull and hold the LCD Cable, and attach the Tape. (Wrap the LCD Cable only.)
RELEASE
Release Label
Fit it to the concave portion.
* Avoid running over the parts.
Protect Sheet

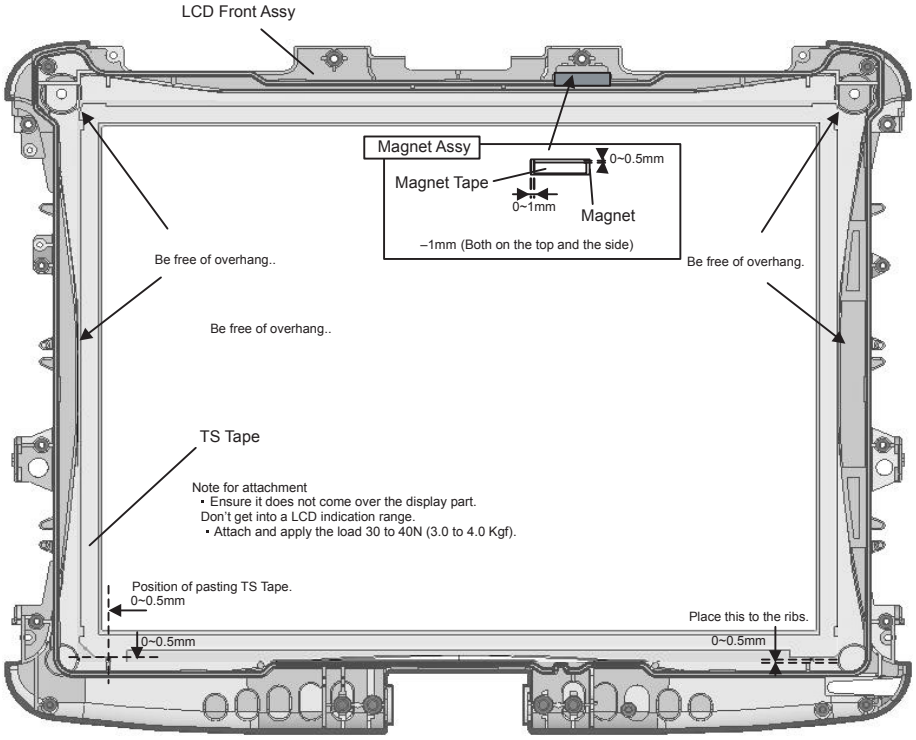
7.2.5. Assembling the Anntena Cover, the Tablet Latch Cover and the LCD Rear Case

1. Fix the LCD Rear Case using the 10 Screws <X> and the 2 Screws <W>.
2. Attach the Antenna Covers and the Tablet Latch Cover to the Display Unit.
3. Tighten the 8 Screws <V> on the back of the Display Unit.
4. Turn the Display Unit over, and tighten the 8 Screws. <V>

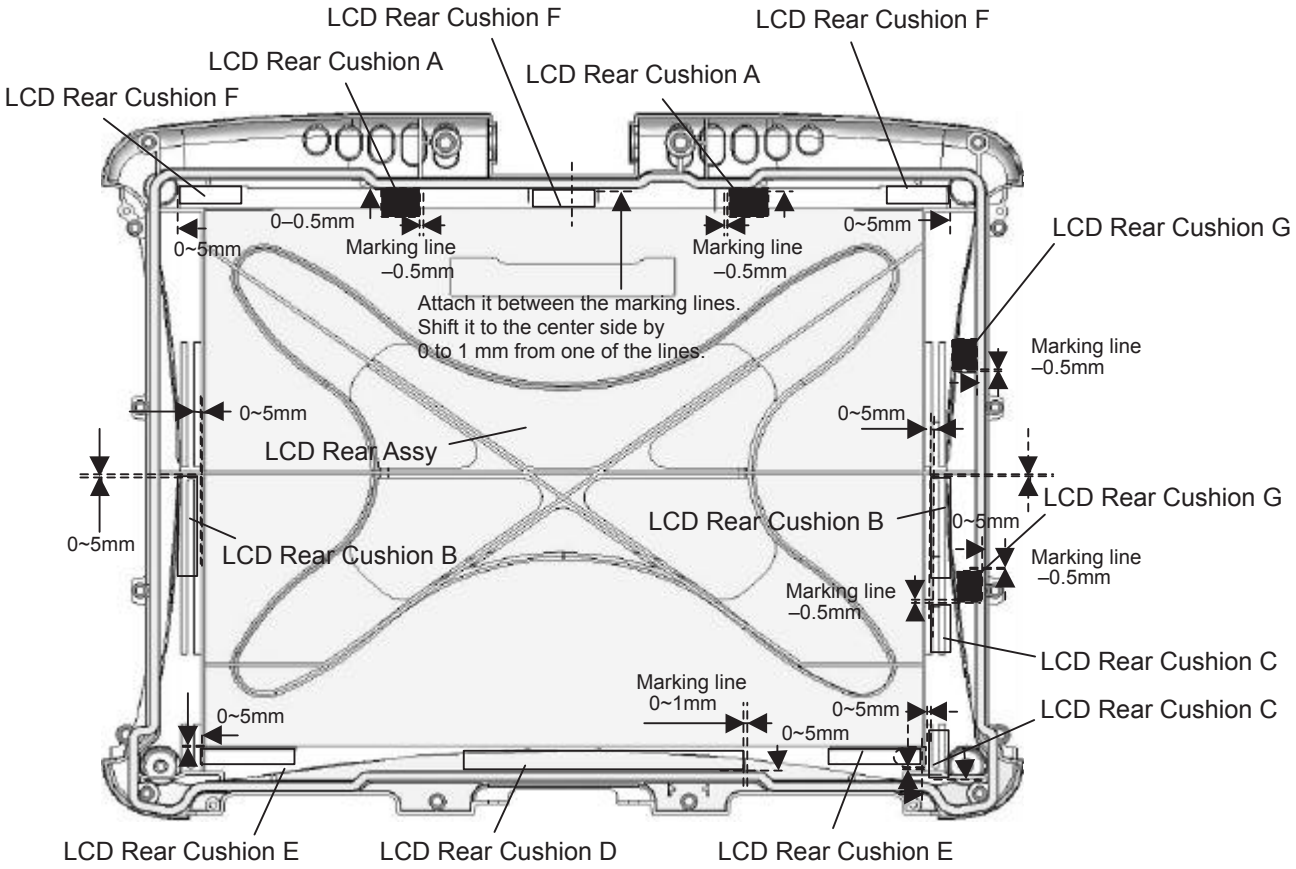
Screws <V> : DRQT26+E5FKL
Screws <W> : DXYN3+J10FNL
Screws <X> : DXYN2+J6FNL



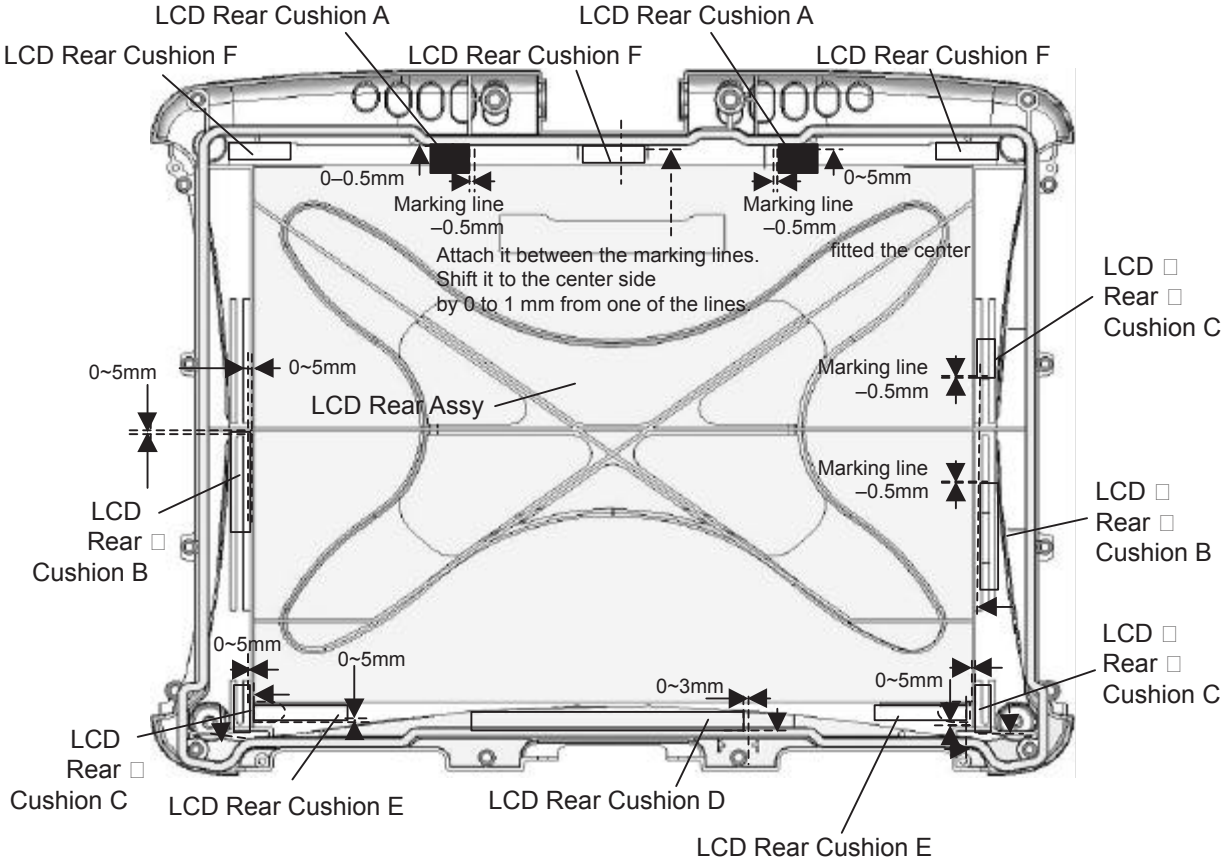
■ **Assembly of LCD Front Case**



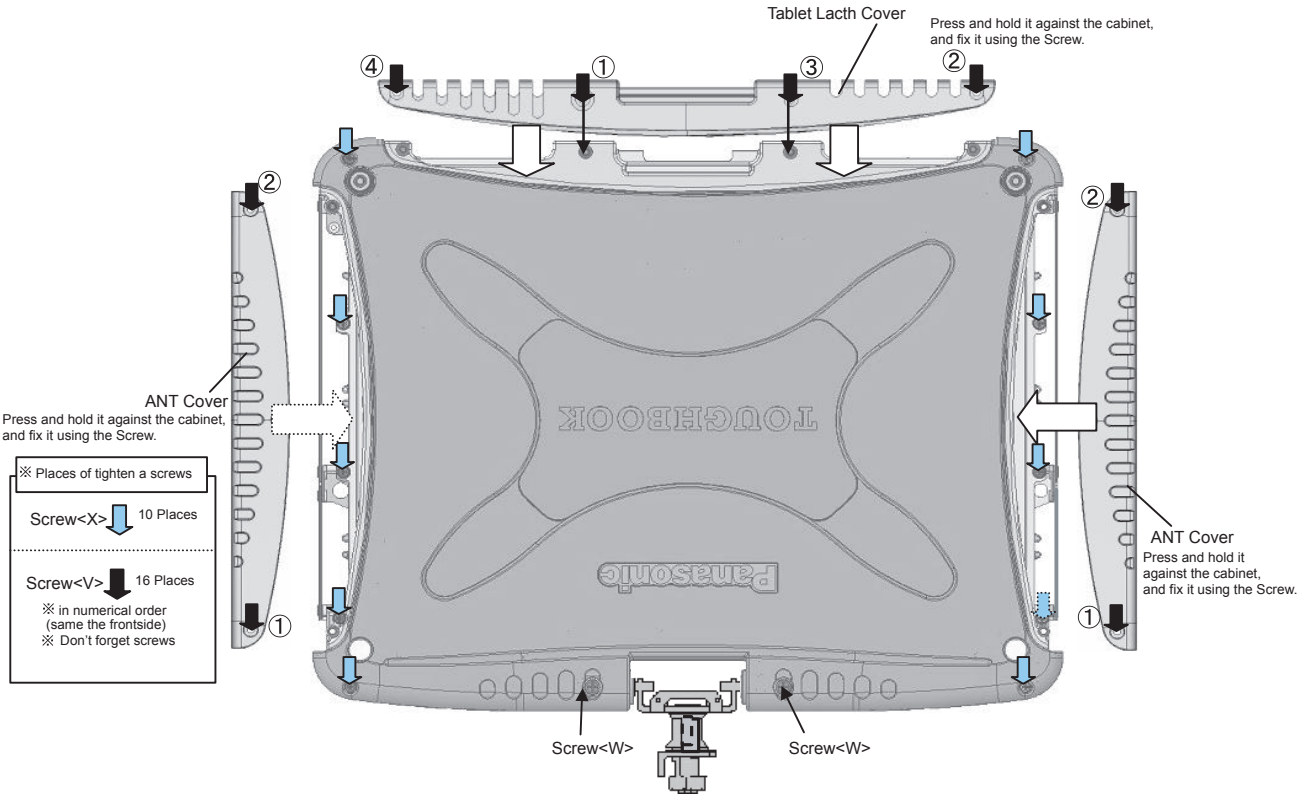
■ **Assembly of LCD Rear Case (Applicable Model : Touch Screen Model)**



■ **Assembly of LCD Rear Case (Applicable Model : Digitizer Model)**

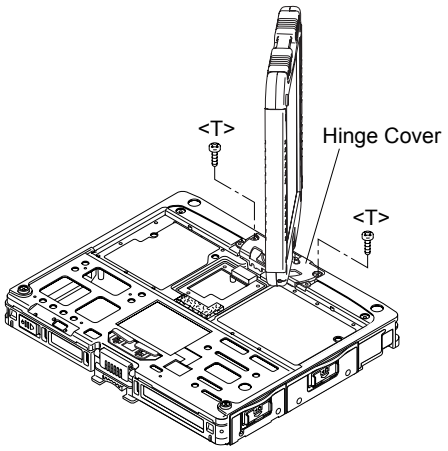


■ Assembly of Tablet Latch Cover and Antenna Cover

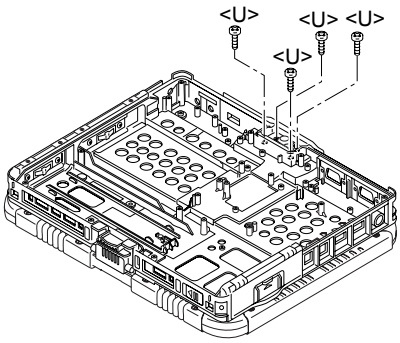


7.2.6. Setting the Display Unit

1. Fix the Display Unit using the 2 Screws <T>.

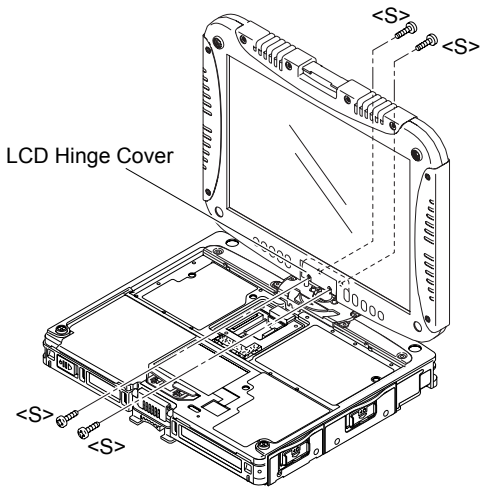


2. Close the Display Unit and turn the computer over, and then fix the Display Unit using the 4 Screws <U>.

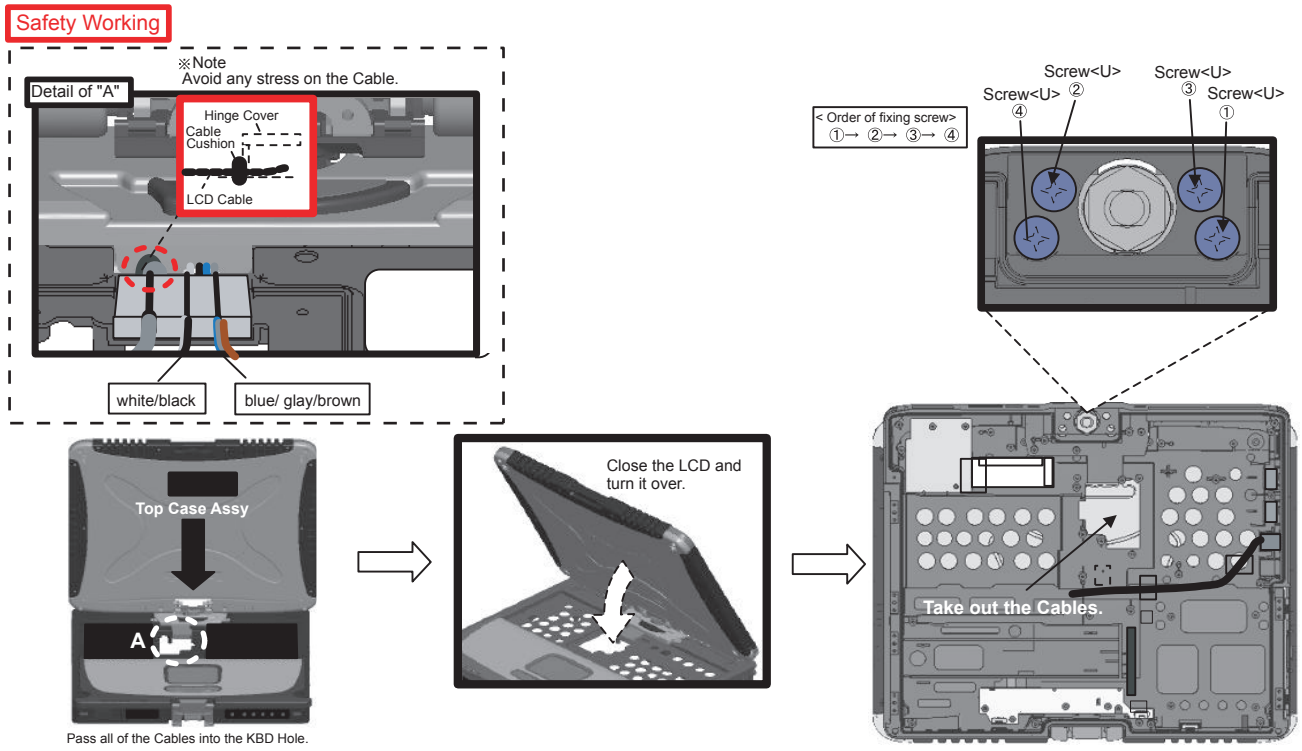


3. Turn the computer over and fix the LCD Hinge Cover using the 2 Screws <S>.
4. Open the Display Unit and fix the LCD Hinge Cover using the 2 Screws <S>.

Screws <S> : DFHE5025XA
Screws <T> : DRSB2+5FKL
Screws <U> : XYN4+J8FNL



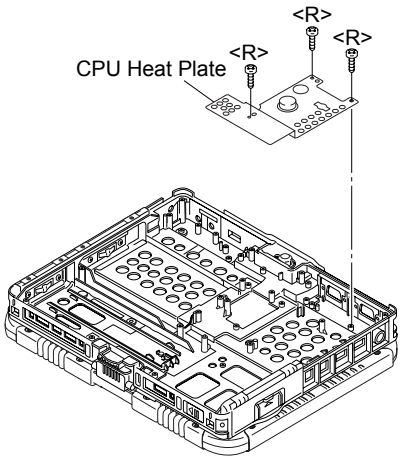
■ Assembly of Display Unit



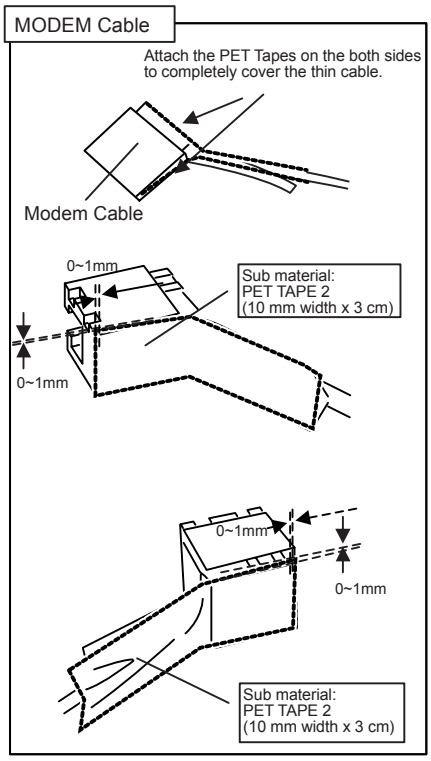
7.2.7. Setting the CPU Heat Plate

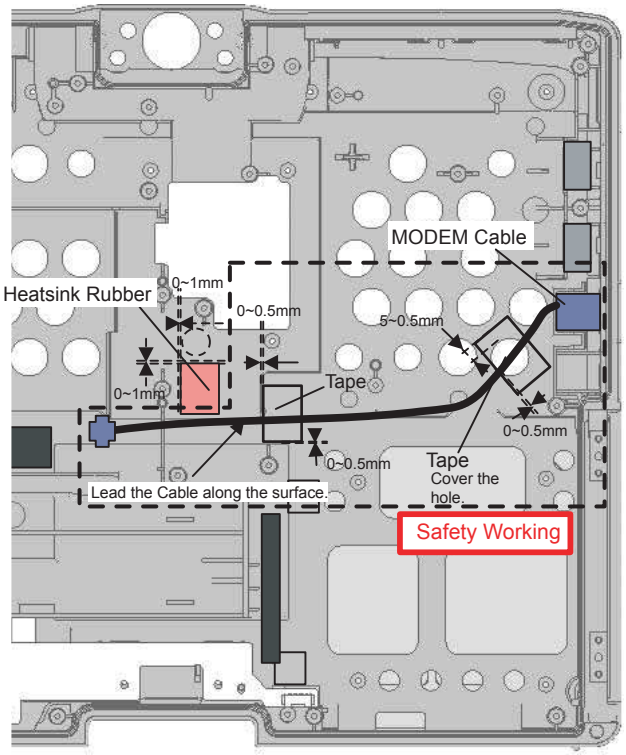
1. Fix the CPU Heat Plate using the three Screws<R>.

Screws <R>:DFHE5025XA



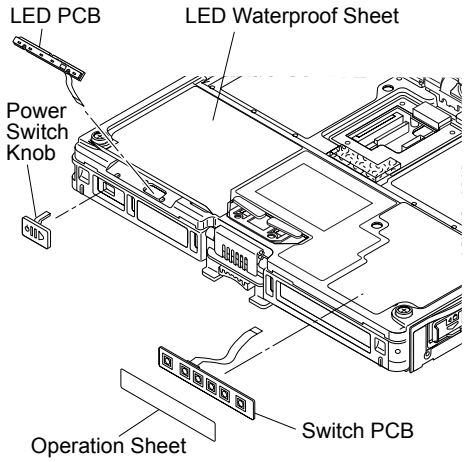
■ **Line Processing of the Modem Cable, and putting of the Heatsink Rubber.**



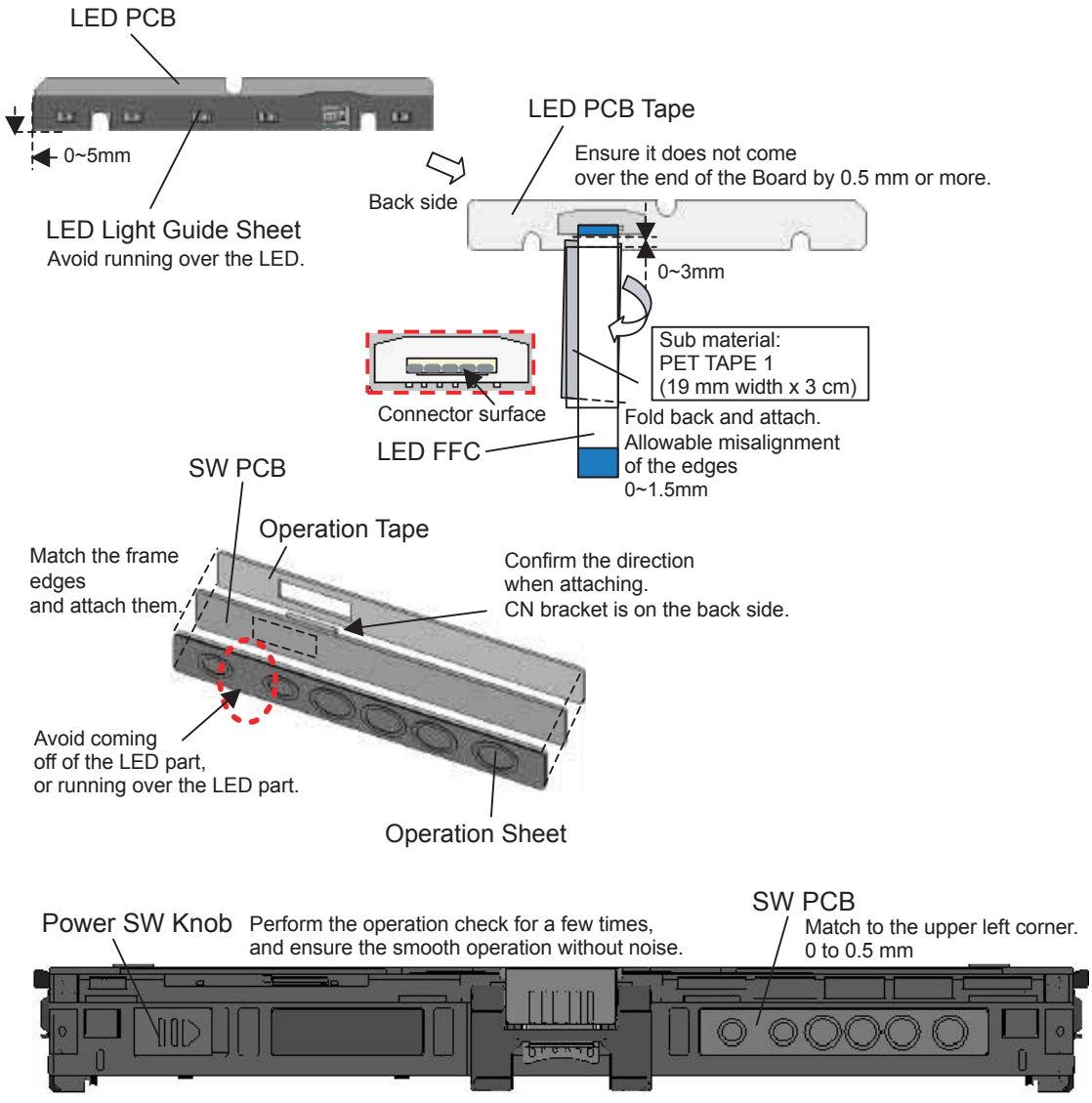


7.2.8. Setting the LED PCB and the Switch PCB

1. Set the Power Switch.
2. Set the Switch PCB.
3. Set the LED PCB.
4. Attach the new LED Waterproof Sheet.



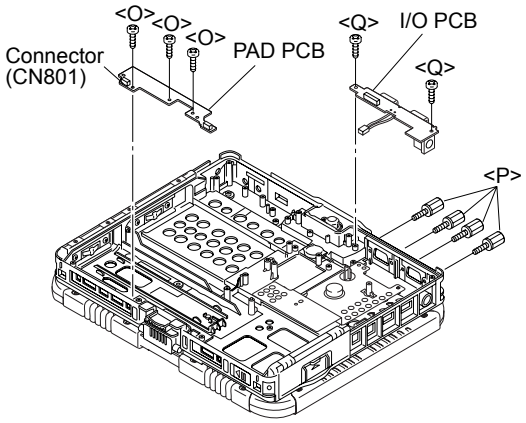
■ Assembly of the LED PCB and the Switch PCB


LED PCB
0~5mm
LED Light Guide Sheet
Avoid running over the LED.
LED PCB Tape
Ensure it does not come over the end of the Board by 0.5 mm or more.
Back side
0~3mm
Sub material:
PET TAPE 1
(19 mm width x 3 cm)
Connector surface
Fold back and attach.
LED FFC
Allowable misalignment of the edges
0~1.5mm
SW PCB
Operation Tape
Match the frame edges and attach them.
Confirm the direction when attaching.
CN bracket is on the back side.
Avoid coming off of the LED part, or running over the LED part.
Operation Sheet
Power SW Knob
Perform the operation check for a few times, and ensure the smooth operation without noise.
SW PCB
Match to the upper left corner.
0 to 0.5 mm

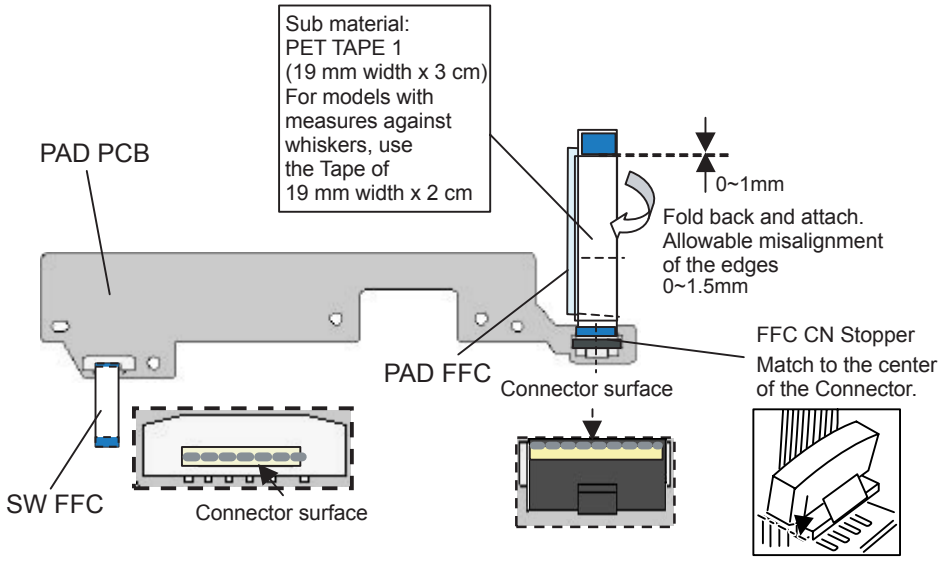
7.2.9. Setting the PAD PCB and the I/O PCB

1. Fix the I/O PCB using the four Screws<P> and the two Screws<Q>.
2. Fix the PAD PCB using the three Screws<O>.
3. Connect the SW Cable to the Connector (CN801) of the PAD PCB.

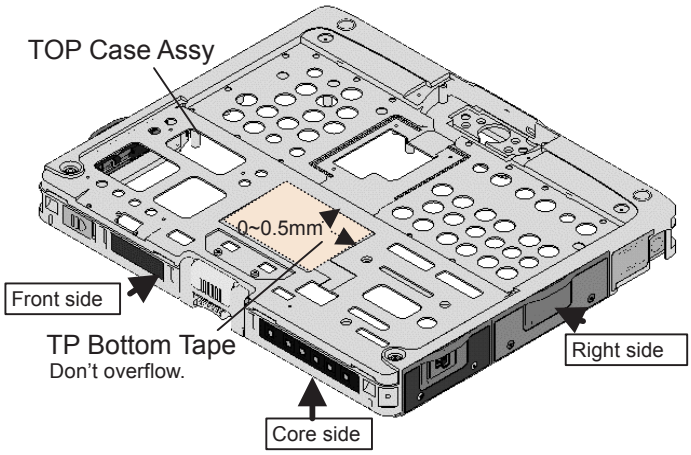
Screws <O>:DFHE5025XA
Screws <P>:DFHE5058ZB
Screws <Q>:DRSB2+5FKL

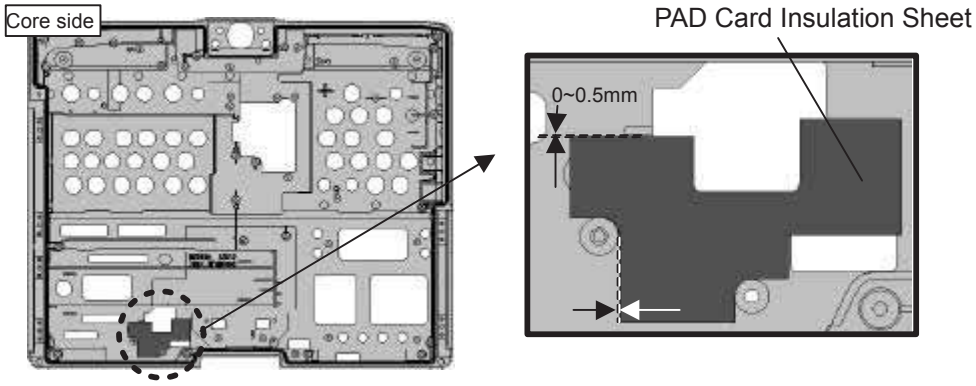


■ **Assembly of PAD PCB**

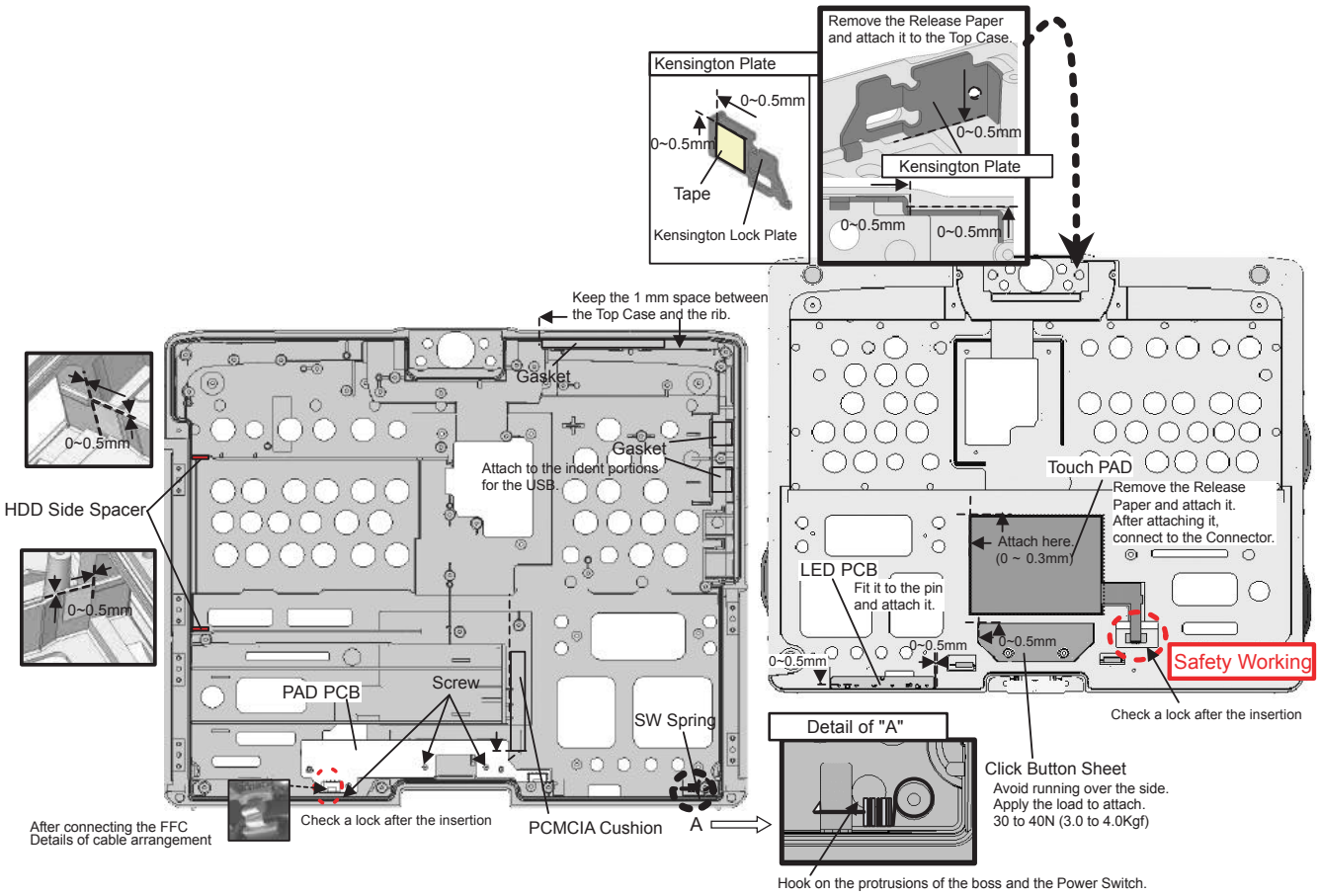


■ Putting of the PAD Insulation Sheet





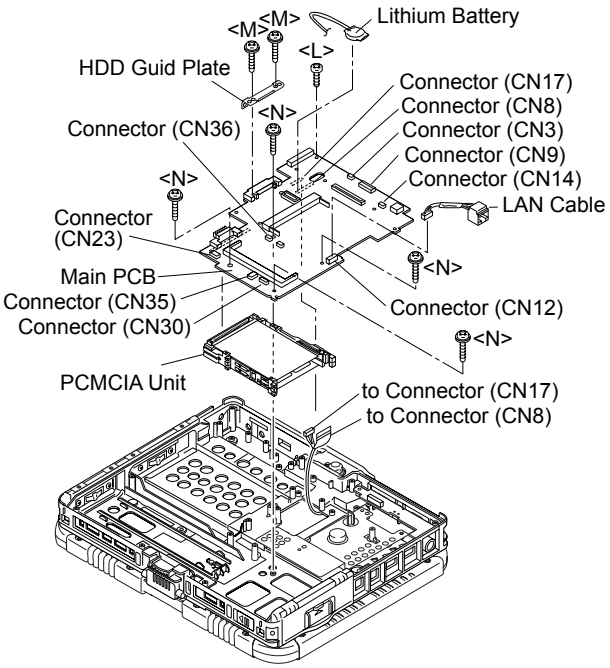
■ Assembly of TOP CASE ASSY



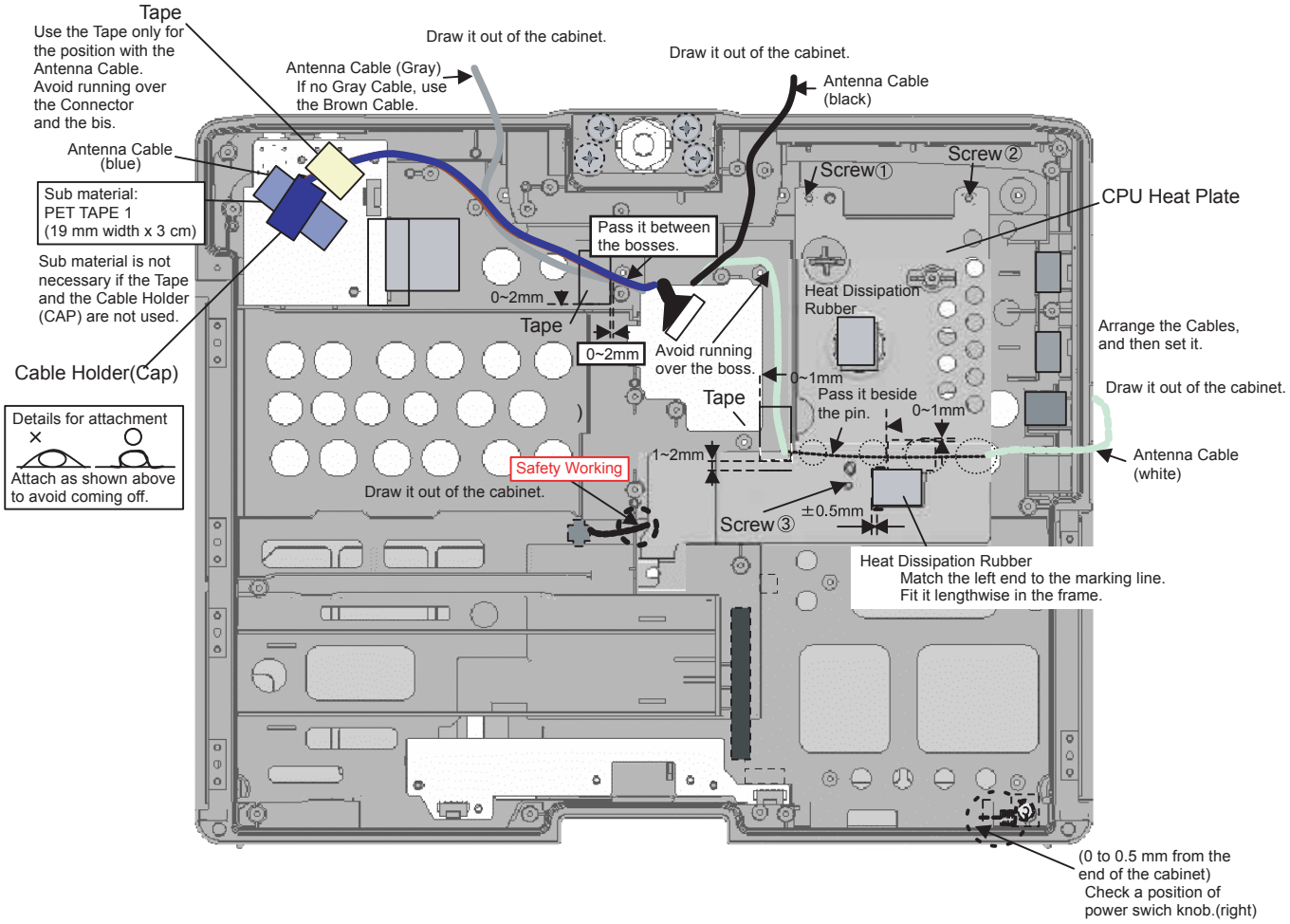
7.2.10. Setting the Main PCB and the Lithium Battery

1. Set the PCMCIA Unit to Main PCB
2. Mount the HDD Guide Plate and set the Main PCB.
3. Fix the Main PCB using the four Screws <N> and the two Screws <M>.
4. Fix the Main PCB using the Screw <L>.
5. Connect the seven Cables to the corresponding Connectors (CN9,CN12,CN14,CN23,CN30,CN35,CN36).
6. Turn the computer over and connect the two Cables to the corresponding Connectors (CN8, CN17).
7. Connect the Cable to the Connector (CN3), and fix the Lithium Battery.

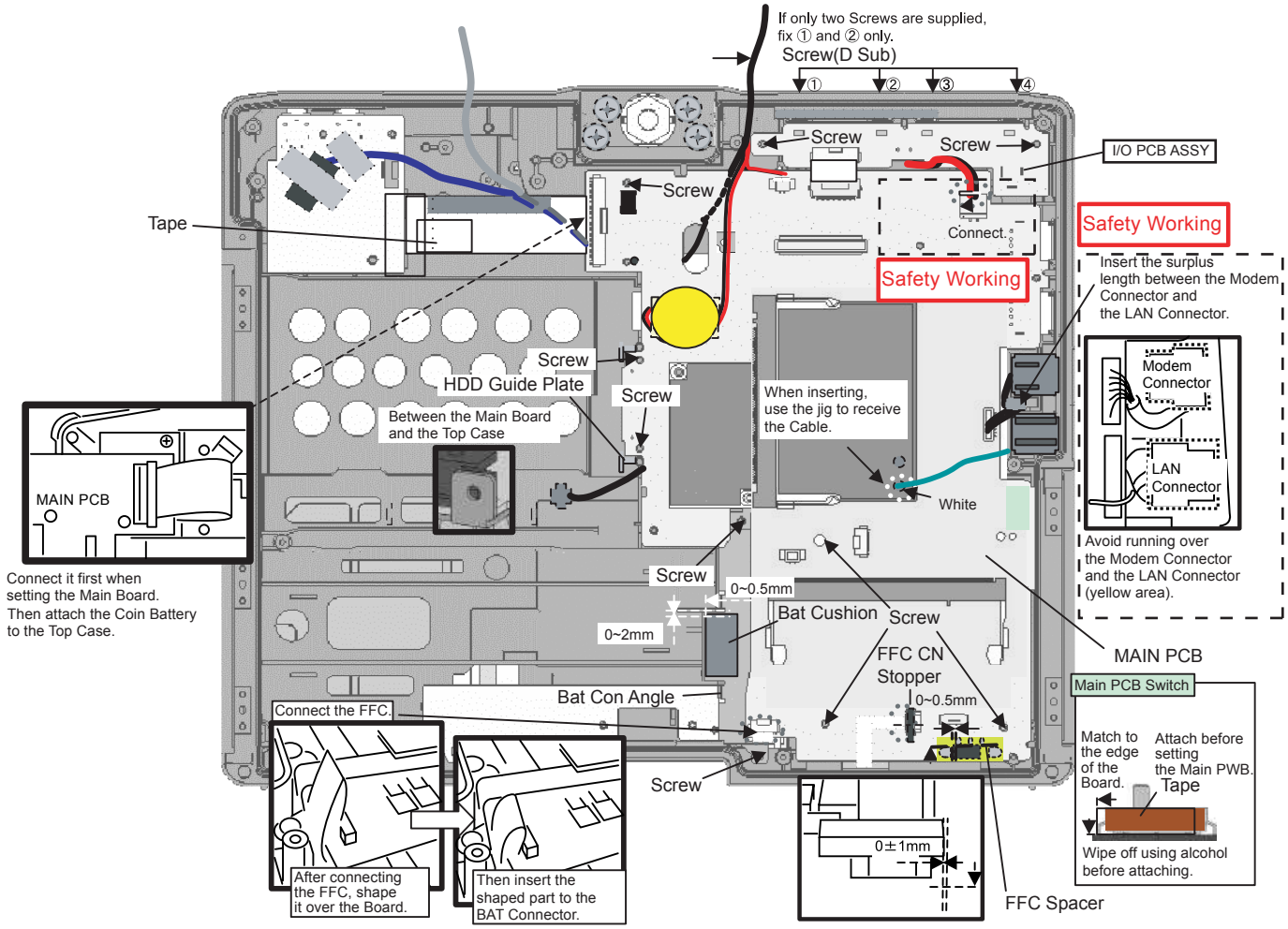
Screw <L>:DRSB2+5FKL
Screws <M>:DXYN2+J12FNL
Screws <N>:DXYN2+J18FNL



■ Line Processing of the Antenna Cable


Tape
Use the Tape only for the position with the Antenna Cable. Avoid running over the Connector and the bis.
Antenna Cable (blue)
Sub material: PET TAPE 1 (19 mm width x 3 cm)
Sub material is not necessary if the Tape and the Cable Holder (CAP) are not used.
Cable Holder(Cap)
Details for attachment
×
○
Attach as shown above to avoid coming off.
Draw it out of the cabinet.
Antenna Cable (Gray) If no Gray Cable, use the Brown Cable.
Draw it out of the cabinet.
Antenna Cable (black)
Screw①
Screw②
CPU Heat Plate
Pass it between the bosses.
0~2mm
Tape
0~2mm
Avoid running over the boss.
Heat Dissipation Rubber
Arrange the Cables, and then set it.
Draw it out of the cabinet.
0~1mm
Tape
Pass it beside the pin.
0~1mm
1~2mm
Antenna Cable (white)
Safety Working
Draw it out of the cabinet.
Screw③
±0.5mm
Heat Dissipation Rubber
Match the left end to the marking line.
Fit it lengthwise in the frame.
(0 to 0.5 mm from the end of the cabinet)
Check a position of power swich knob.(right)

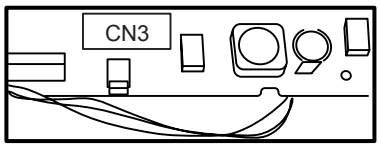
■ Line Processing of Main Unit



■ Line Processing of the Lithium Battery

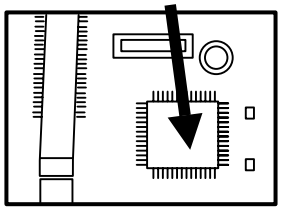
● Lithum Battery

Connect the Cable to the Connector CN3 of the Board. (Right angle type)



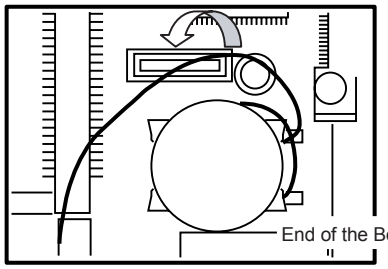
● Cushion for Lithum Battery

Attach on the IC14 (Super I/O).
Attach the white adhesive surface to the IC side.

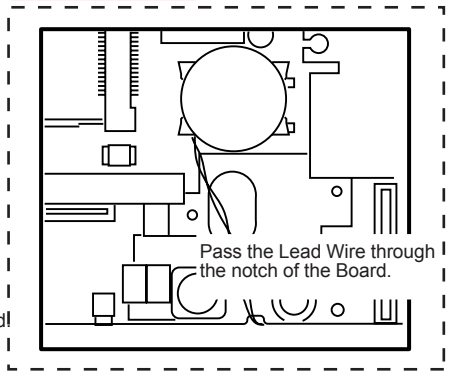


● After attaching the Cushion for Lithum Battery, set the Lithum Battery as shown below.

Attach the Lithum Battery on the Cushion.
Draw the Lead Wire toward the end of the Board.
Arrange the surplus length of the Lead Wire as shown below.



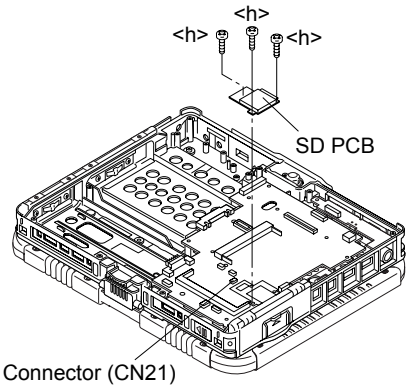
Safety Working



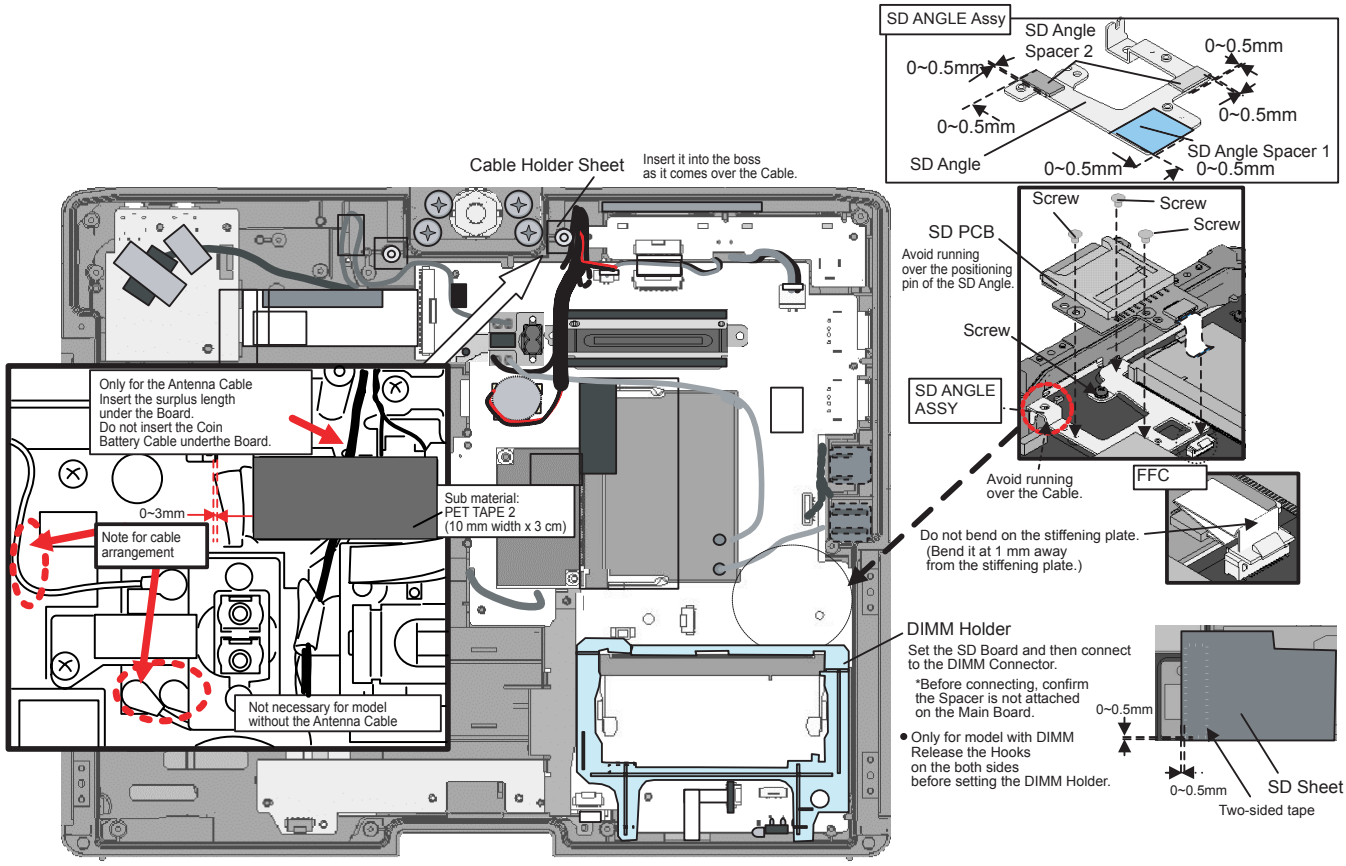
7.2.11. Setting the SD PCB

1. Fix the SD PCB using the three Screws <h>.
2. Connect the Cable to the Connector (CN21).

Screws<h>:DXQN2+A22FNL



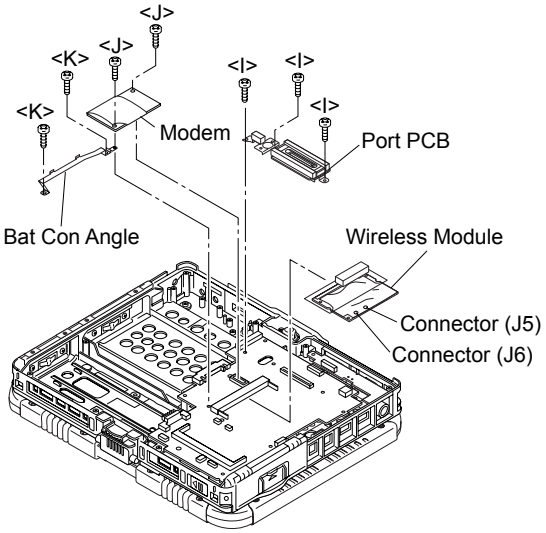
■ **Assembly of SD PCB**


SD ANGLE Assy
SD Angle Spacer 2
0~0.5mm
0~0.5mm
0~0.5mm
0~0.5mm
SD Angle
0~0.5mm
SD Angle Spacer 1
0~0.5mm
Cable Holder Sheet
Insert it into the boss as it comes over the Cable.
Only for the Antenna Cable Insert the surplus length under the Board. Do not insert the Coin Battery Cable underthe Board.
0~3mm
Note for cable arrangement
Sub material: PET TAPE 2 (10 mm width x 3 cm)
Not necessary for model without the Antenna Cable
Screw
Screw
Screw
SD PCB
Avoid running over the positioning pin of the SD Angle.
Screw
SD ANGLE ASSY
Avoid running over the Cable.
FFC
Do not bend on the stiffening plate. (Bend it at 1 mm away from the stiffening plate.)
DIMM Holder
Set the SD Board and then connect to the DIMM Connector.
*Before connecting, confirm the Spacer is not attached on the Main Board.
● Only for model with DIMM Release the Hooks on the both sides before setting the DIMM Holder.
0~0.5mm
0~0.5mm
SD Sheet
Two-sided tape

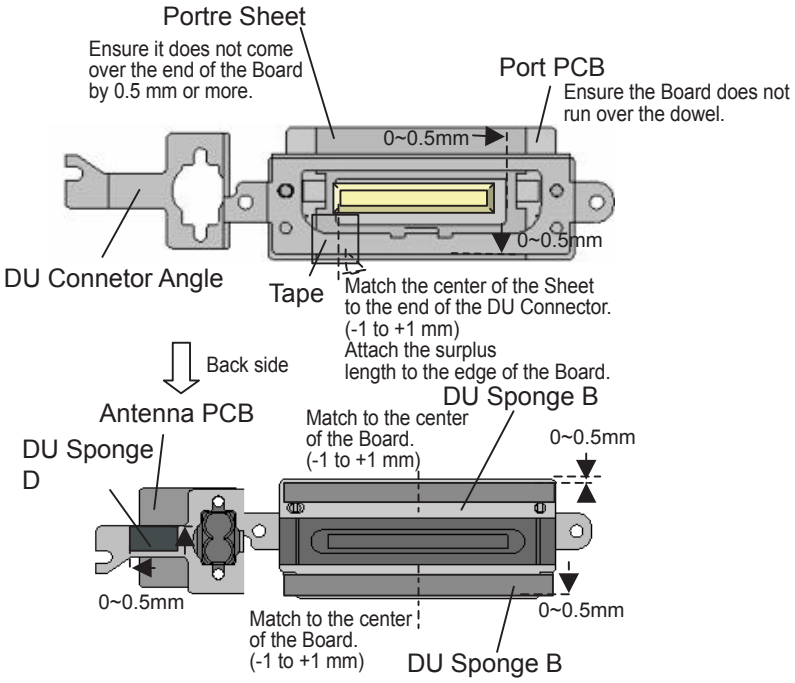
7.2.12. Setting the Wireless Module, the Port PCB, and the Modem

1. Fix the Battery Connect Angle using the two Screws <K>.
2. Connect the Modem cable to the Connector, and fix the Modem on the Main PCB using the two Screws <J>.
3. Fix the Port PCB on the Main PCB using the three Screws <I>.
4. Connect the Wireless Module to the Main PCB, and connect the two Antenna Cables (J5, J6) to the Wireless Module.

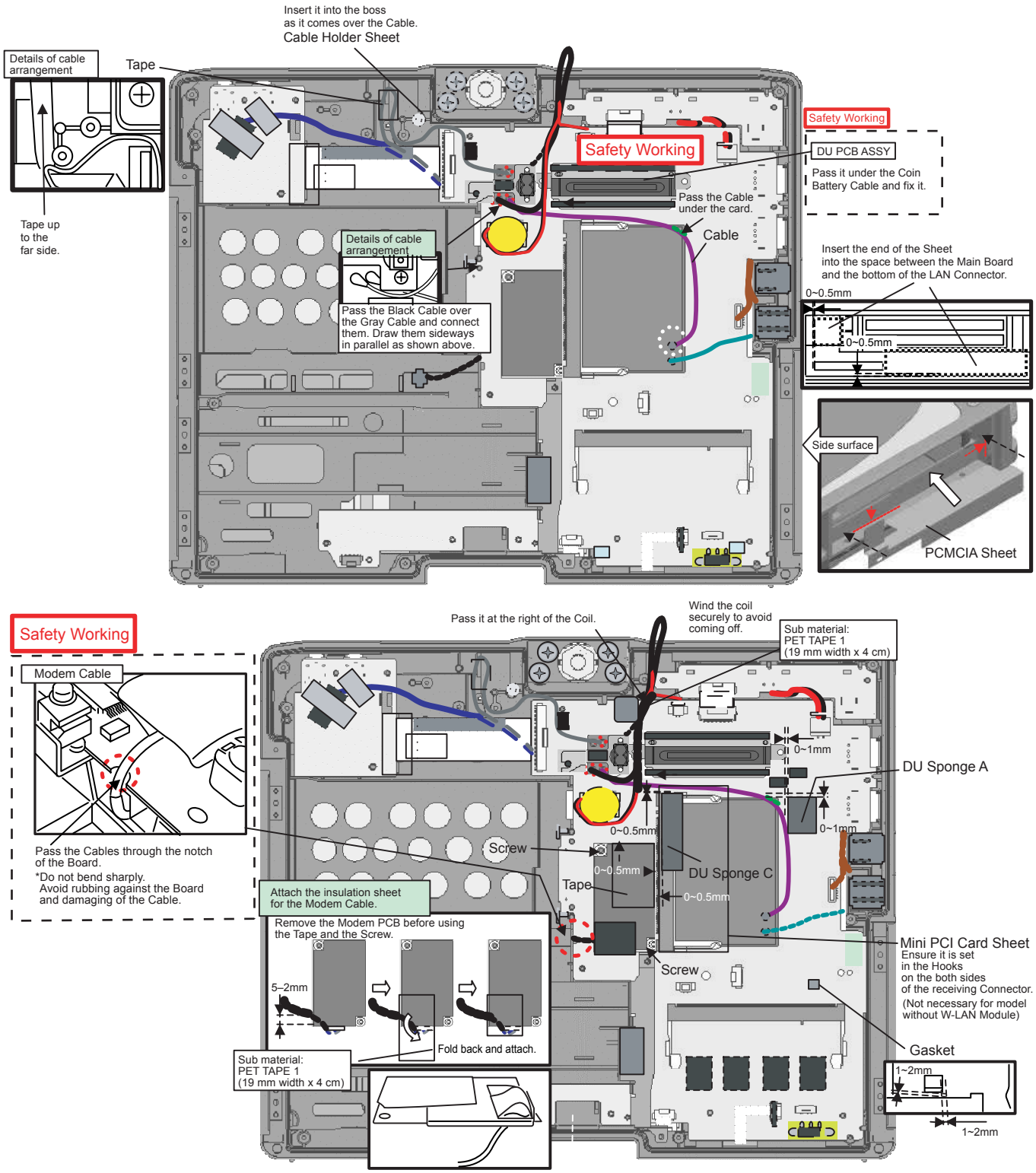
Screws <I>:DRSB2+5FKL
Screws <J>:XSB2+4FNL
Screws <K>:DRSB2+5FKL



■ **Assembly of the Port PCB**


Portre Sheet
Ensure it does not come over the end of the Board by 0.5 mm or more.
Port PCB
Ensure the Board does not run over the dowel.
0~0.5mm
0~0.5mm
DU Connetor Angle
Tape
Match the center of the Sheet to the end of the DU Connector. (-1 to +1 mm)
Attach the surplus length to the edge of the Board.
Back side
Antenna PCB
DU Sponge D
Match to the center of the Board. (-1 to +1 mm)
DU Sponge B
0~0.5mm
0~0.5mm
0~0.5mm
Match to the center of the Board. (-1 to +1 mm)
DU Sponge B

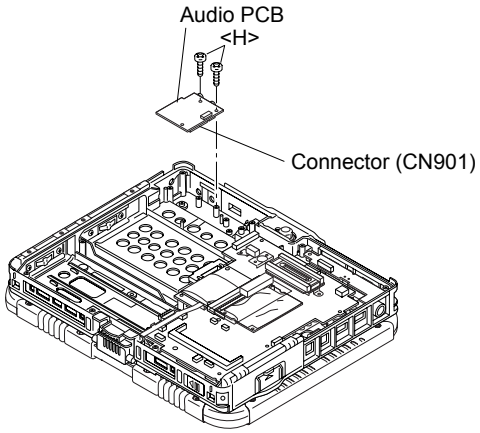
■ Line Processing of the Wireless Module,Port PCB and Modem


Insert it into the boss
as it comes over the Cable.
Cable Holder Sheet
Details of cable arrangement
Tape
Tape up to the far side.
Safety Working
DU PCB ASSY
Pass it under the Coin Battery Cable and fix it.
Safety Working
Pass the Cable under the card.
Cable
Details of cable arrangement
Pass the Black Cable over the Gray Cable and connect them. Draw them sideways in parallel as shown above.
Insert the end of the Sheet into the space between the Main Board and the bottom of the LAN Connector.
0~0.5mm
0~0.5mm
Side surface
PCMCIA Sheet
Safety Working
Modem Cable
Pass the Cables through the notch of the Board.
*Do not bend sharply.
Avoid rubbing against the Board and damaging of the Cable.
Pass it at the right of the Coil.
Wind the coil securely to avoid coming off.
Sub material:
PET TAPE 1
(19 mm width x 4 cm)
0~1mm
DU Sponge A
0~1mm
Screw
0~0.5mm
0~0.5mm
DU Sponge C
0~0.5mm
Tape
Attach the insulation sheet for the Modem Cable.
Remove the Modem PCB before using the Tape and the Screw.
5–2mm
Fold back and attach.
Sub material:
PET TAPE 1
(19 mm width x 4 cm)
Screw
Mini PCI Card Sheet
Ensure it is set in the Hooks on the both sides of the receiving Connector.
(Not necessary for model without W-LAN Module)
Gasket
1~2mm
1~2mm

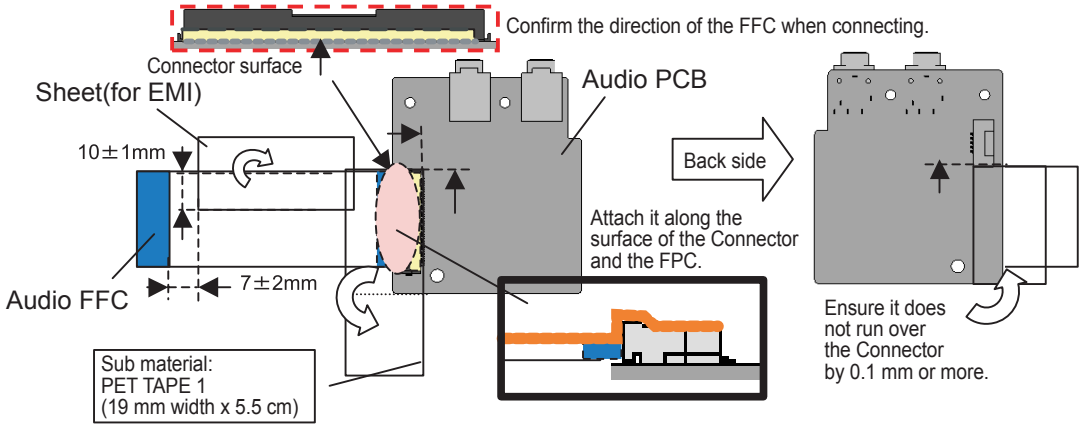
7.2.13. Setting the Audio PCB

1. Connect the Cable to the Connector of the Audio PCB (CN901), and fix the Audio PCB using the two Screws<H>.

Screws<H>:DRSB2+5FKL



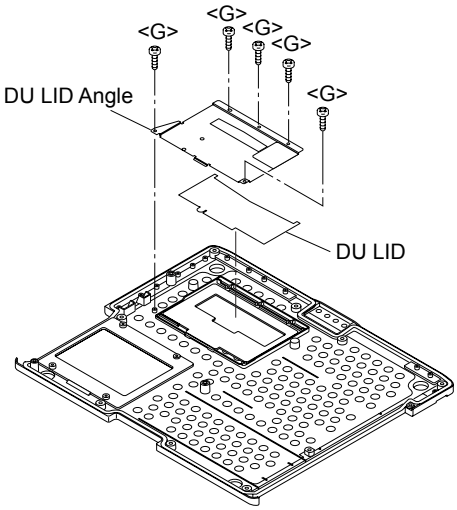
■ Putting of the Sheet


Confirm the direction of the FFC when connecting.
Connector surface
Sheet(for EMI)
Audio PCB
10±1mm
Back side
Attach it along the surface of the Connector and the FPC.
Audio FFC
7±2mm
Ensure it does not run over the Connector by 0.1 mm or more.
Sub material:
PET TAPE 1
(19 mm width x 5.5 cm)

7.2.14. Assembling the DU Lid Unit

1. Fix the DU Lid Angle and the DU Lid using the five Screws<G>.

Screws <G>:DRHM5025YA



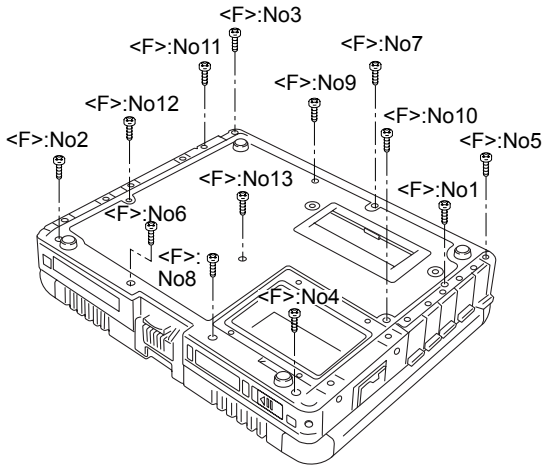
7.2.15. Setting the Rear Cabinet

1. Fix the Rear Cabinet on the computer using the 13 Screws <F>. No1 to No13
2. Close the LID Rubbers.

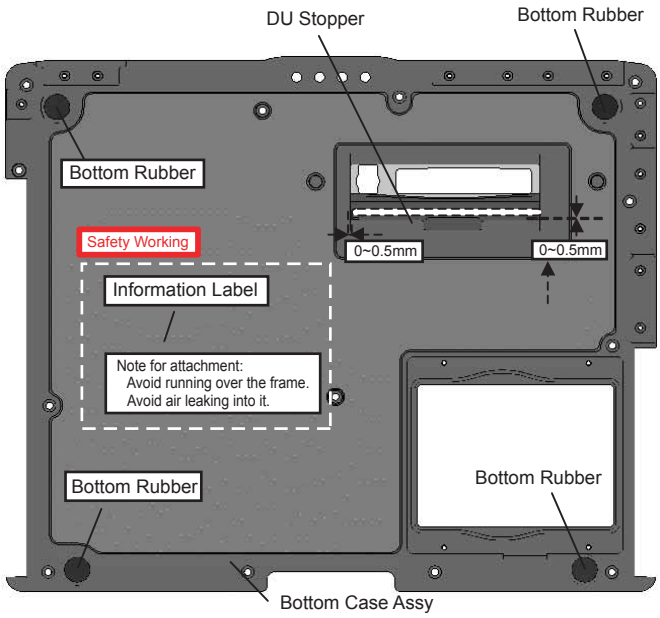
Note:

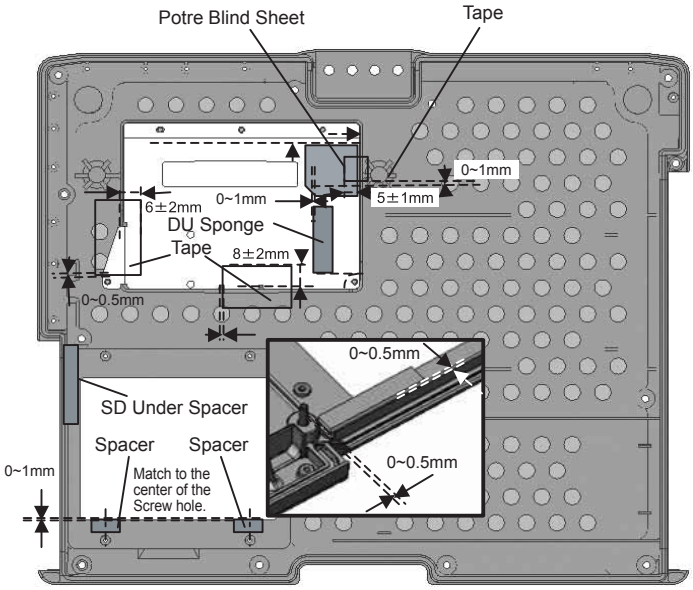
Tighten the Screws in the numbered order (No1 to No13).

Screws<F>:DRHM0061ZA



■ Cautions for Setting the Rear Cabinet

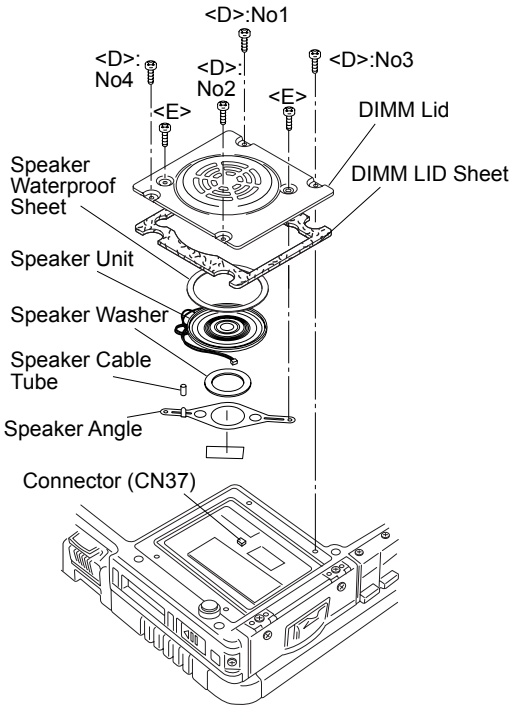




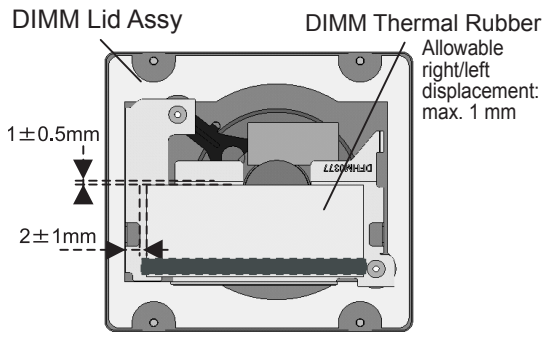
7.2.16. Setting the Speaker and Dimm Lit

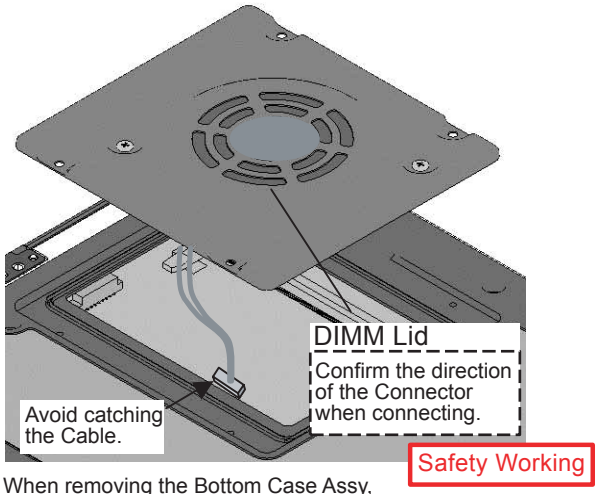
1. Fix the Speaker Angle to the DIMM Lit using the two Screws <E>.
2. Connect the Speaker Cable to the Connector (CN37) of the Main PCB.
3. Fix the DIMM Lit using the four Screws<D>. No1 to No4

Screws<D>:DRQT2+D2FKL
Screws<E>:DRHM5025YA



■ Cautions for Setting the DIMM Lit

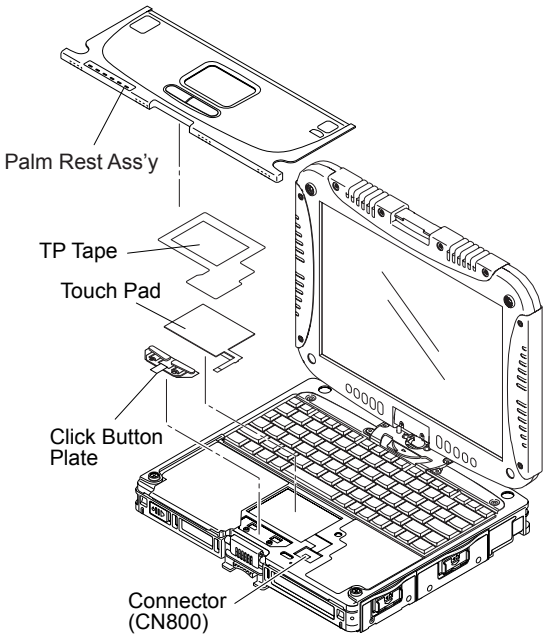




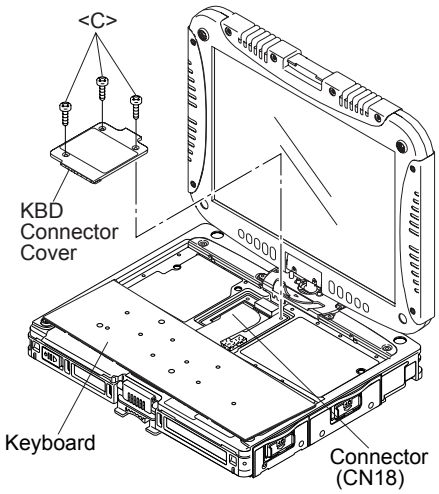
When removing the Bottom Case Assy, be sure to remove the DIMM Lid Assy.

7.2.17. Setting the Touch Pad and the Keyboard

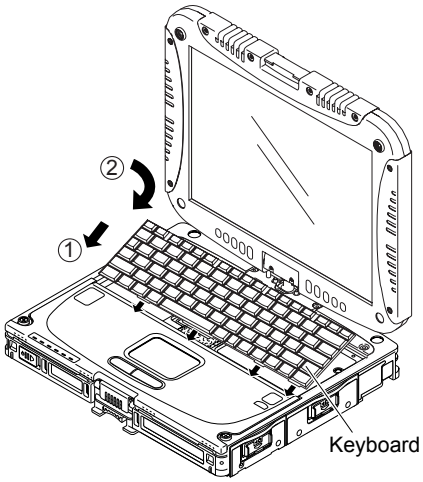
1. Connect the Cable to the Connector (CN800), and attach the Touch Pad to the computer.
2. Set the Click Button Plate.
3. Attach the new TP Tape over the Touch Pad.
4. Attach the Palm Rest Ass'y on the computer.



5. Connect the Cable of the Keyboard to the Connector (CN18) on the Main PCB.
6. Fix the KBD Connector Cover using the three Screws<C>.

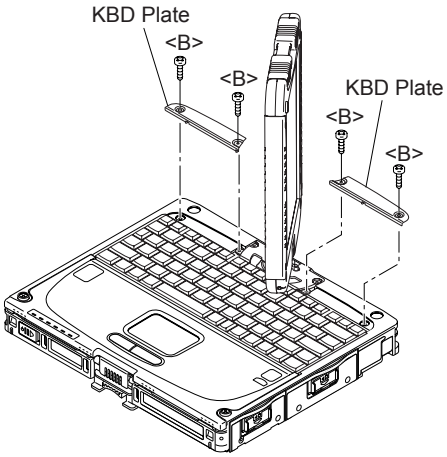


7. Set the Keyboard to the computer.

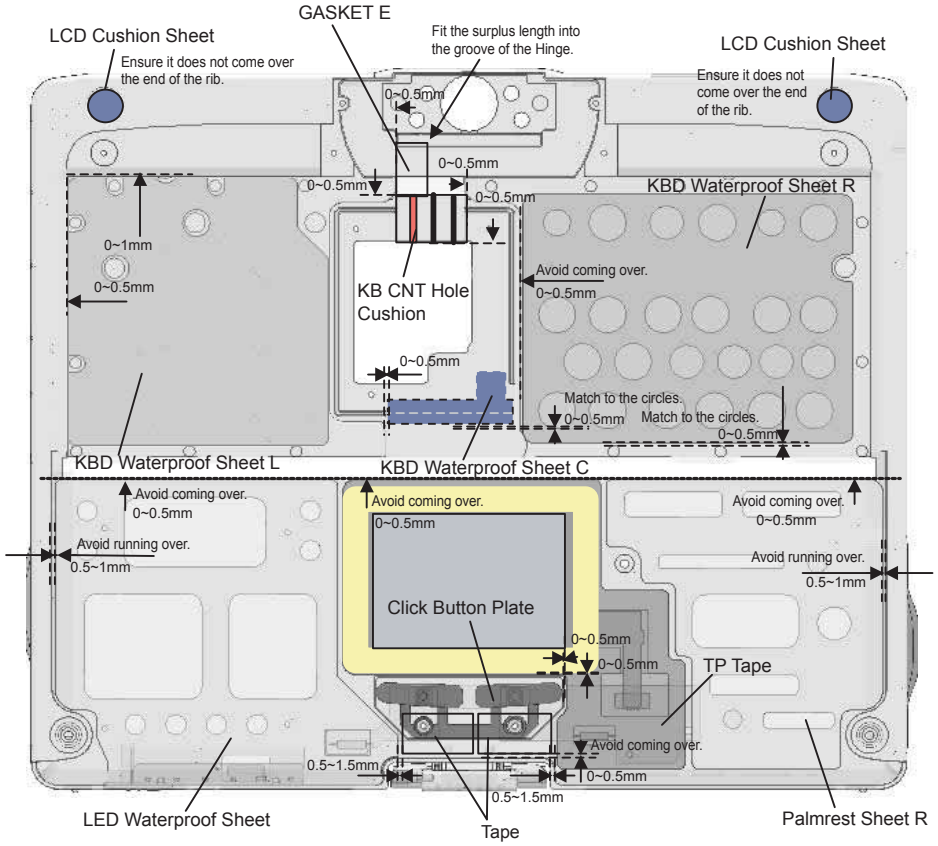


8. Fix the KBD Plate using the four Screws<B>.

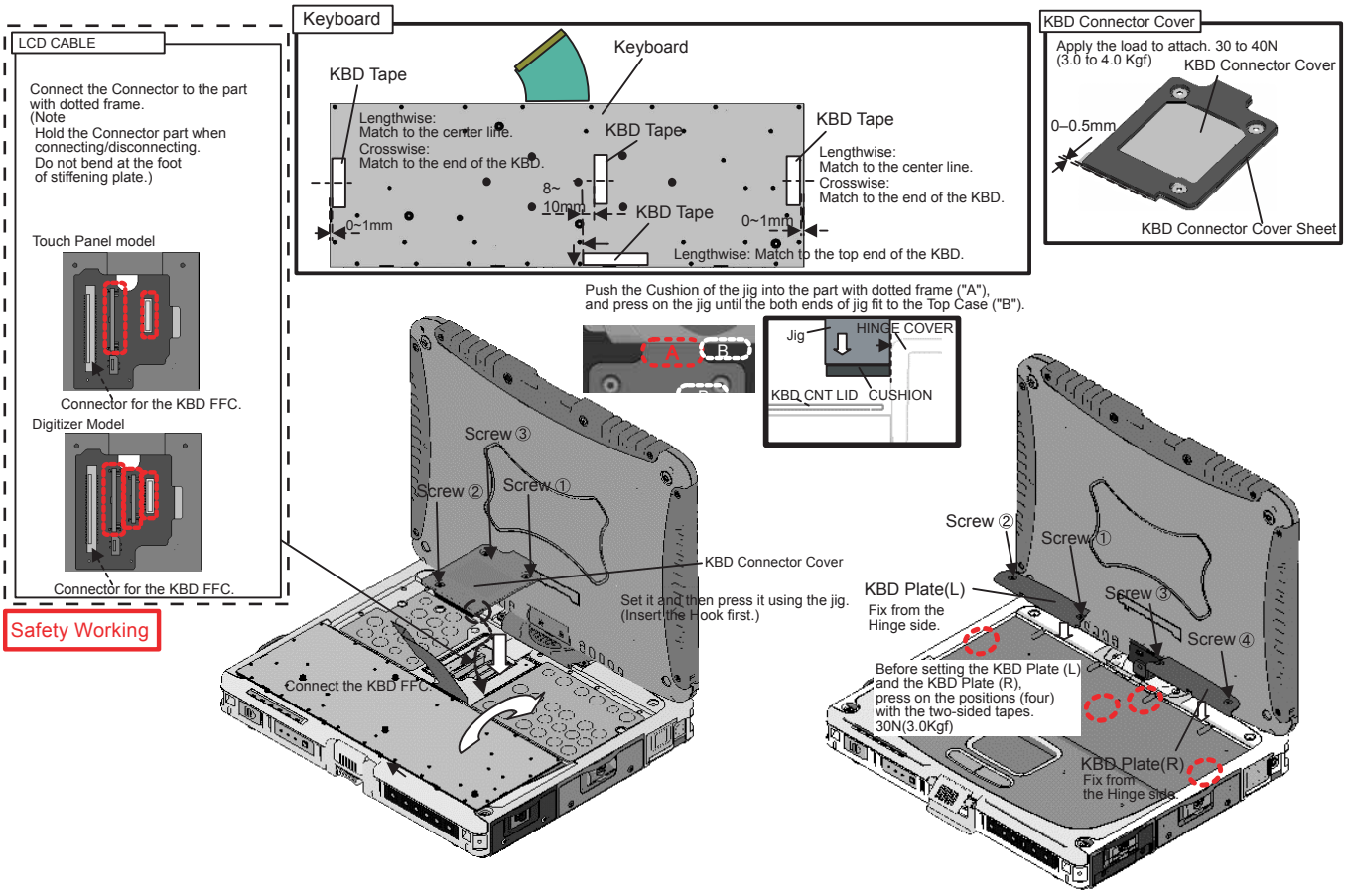
Screws<B>:DRSB2+5FKL
Screws<C>:DFHE5025XA



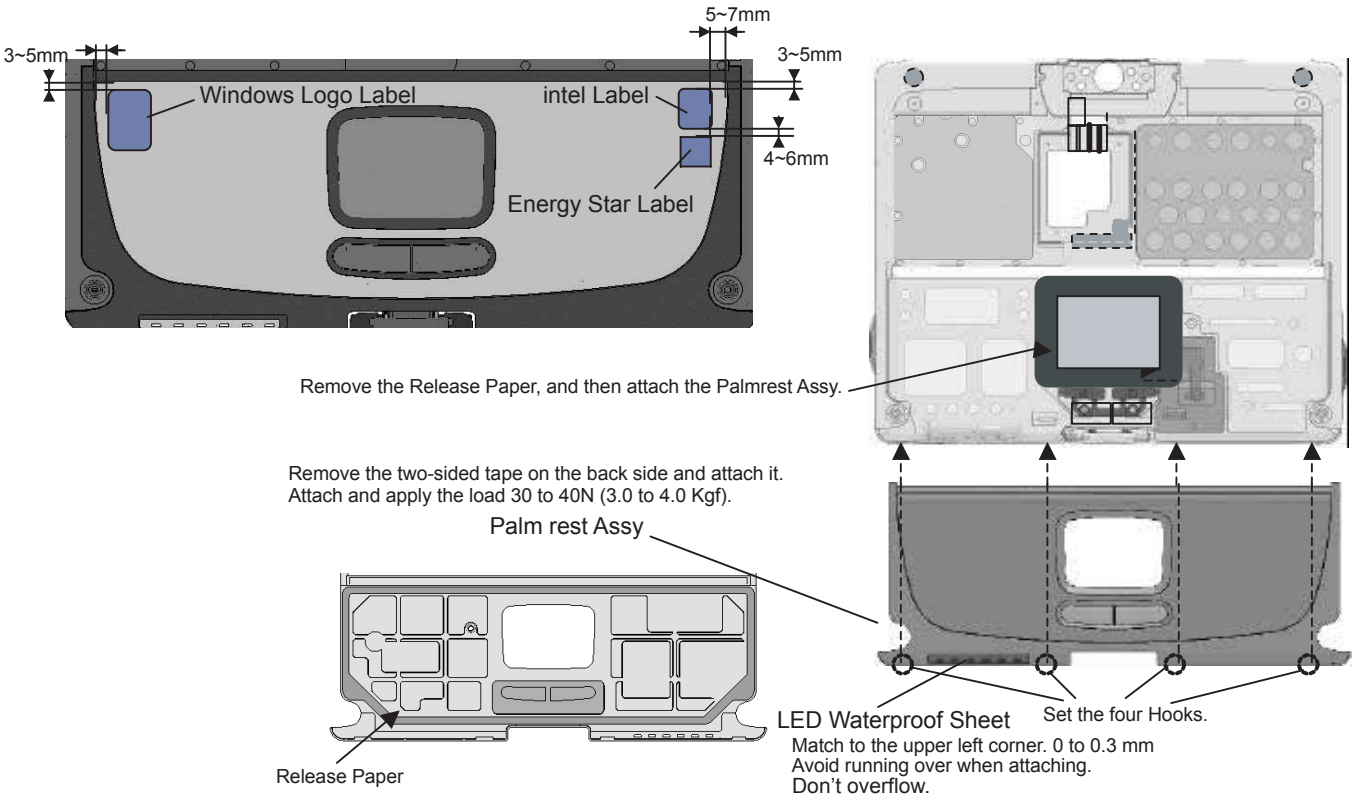
■ Putting of the Sheet



■ Cautions for Setting the Keyboard

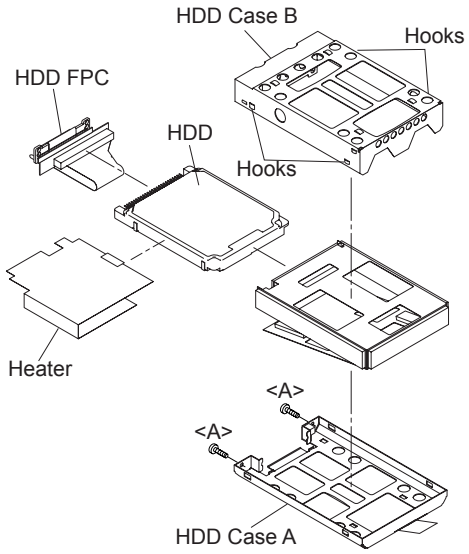

LCD CABLE
Connect the Connector to the part with dotted frame.
(Note
Hold the Connector part when connecting/disconnecting.
Do not bend at the foot of stiffening plate.)
Touch Panel model
Connector for the KBD FFC.
Digitizer Model
Connector for the KBD FFC.
Safety Working
Keyboard
KBD Tape
Keyboard
Lengthwise: Match to the center line.
Crosswise: Match to the end of the KBD.
KBD Tape
8~10mm
KBD Tape
0~1mm
KBD Tape
Lengthwise: Match to the center line.
Crosswise: Match to the end of the KBD.
0~1mm
Lengthwise: Match to the top end of the KBD.
KBD Connector Cover
Apply the load to attach. 30 to 40N (3.0 to 4.0 Kgf)
KBD Connector Cover
0–0.5mm
KBD Connector Cover Sheet
Push the Cushion of the jig into the part with dotted frame ("A"), and press on the jig until the both ends of jig fit to the Top Case ("B").
A
B
Jig
HINGE COVER
KBD CNT LID
CUSHION
Screw ③
Screw ②
Screw ①
KBD Connector Cover
Set it and then press it using the jig. (Insert the Hook first.)
Connect the KBD FFC.
Screw ②
Screw ①
KBD Plate(L)
Fix from the Hinge side.
Screw ③
Screw ④
Before setting the KBD Plate (L) and the KBD Plate (R), press on the positions (four) with the two-sided tapes. 30N(3.0Kgf)
KBD Plate(R)
Fix from the Hinge side.

■ Putting of the Palm Rest ASSY


3~5mm
5~7mm
3~5mm
Windows Logo Label
intel Label
4~6mm
Energy Star Label
Remove the Release Paper, and then attach the Palmrest Assy.
Remove the two-sided tape on the back side and attach it.
Attach and apply the load 30 to 40N (3.0 to 4.0 Kgf).
Palm rest Assy
Release Paper
LED Waterproof Sheet
Match to the upper left corner. 0 to 0.3 mm
Avoid running over when attaching.
Don't overflow.
Set the four Hooks.

7.2.18. Setting the Battery Pack and the HDD Pack

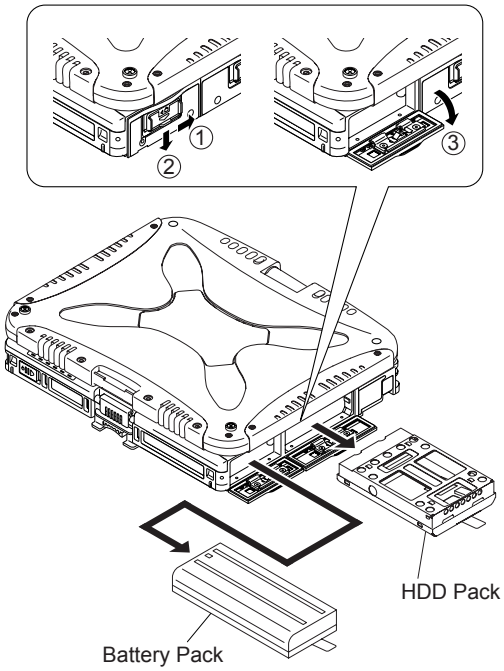
1. Set the HDD in the HDD Case and fix it using the two Screws<A>.



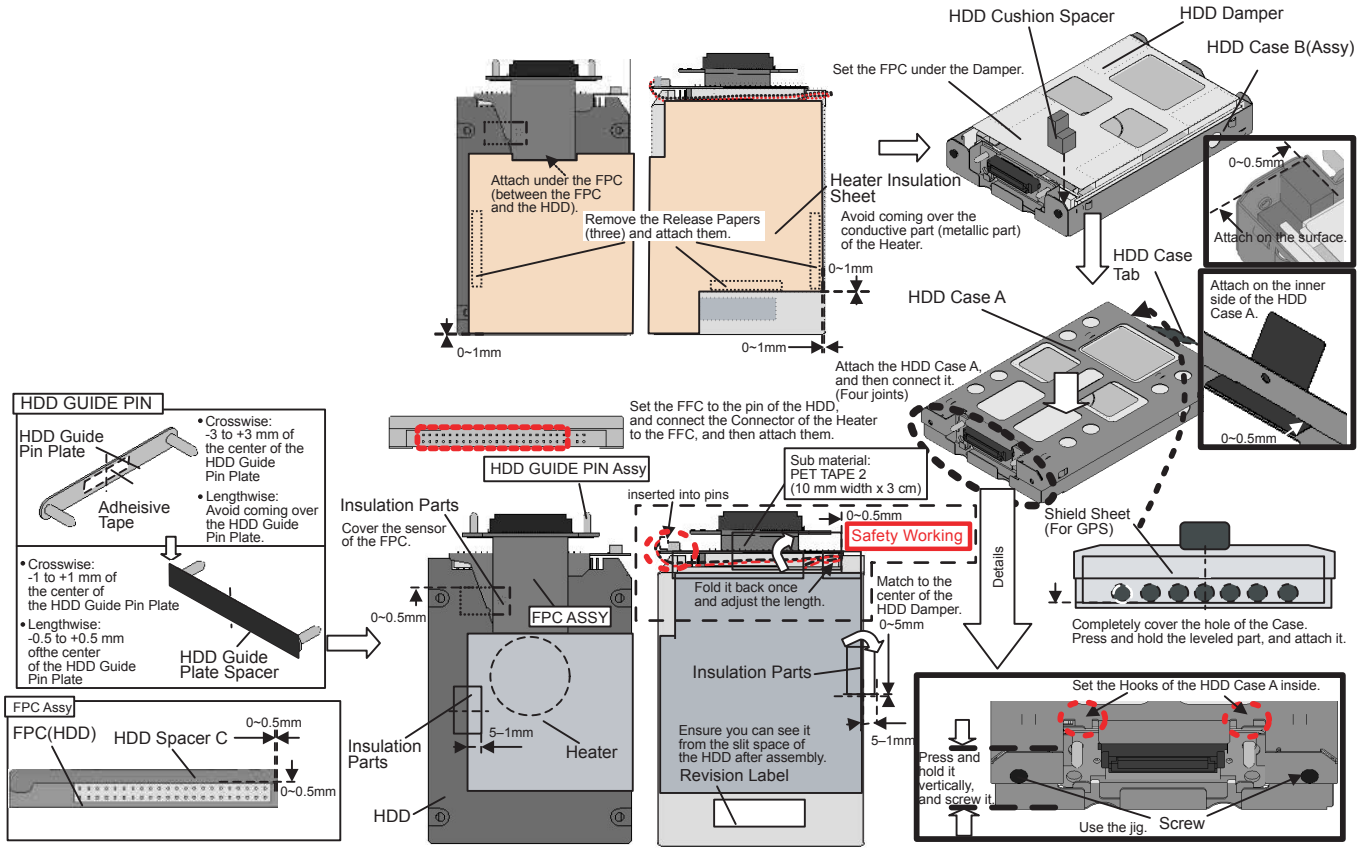
2. Open the HDD Cover and set the HDD Pack.

3. Open the Battery Cover and set the Battery.

Screws<A>: DFHE5025XA



■ Assembly of the HDD ASSY


HDD Cushion Spacer
HDD Damper
HDD Case B(Assy)
Set the FPC under the Damper.
Attach under the FPC (between the FPC and the HDD).
Remove the Release Papers (three) and attach them.
Heater Insulation Sheet
Avoid coming over the conductive part (metallic part) of the Heater.
0~1mm
0~1mm
0~1mm
0~0.5mm
Attach on the surface.
HDD Case Tab
HDD Case A
Attach on the inner side of the HDD Case A.
0~0.5mm
Attach the HDD Case A, and then connect it. (Four joints)
HDD GUIDE PIN
HDD Guide Pin Plate
Adheisive Tape
•Crosswise: -3 to +3 mm of the center of the HDD Guide Pin Plate
•Lengthwise: Avoid coming over the HDD Guide Pin Plate.
•Crosswise: -1 to +1 mm of the center of the HDD Guide Pin Plate
•Lengthwise: -0.5 to +0.5 mm ofthe center of the HDD Guide Pin Plate
HDD Guide Plate Spacer
Set the FFC to the pin of the HDD, and connect the Connector of the Heater to the FFC, and then attach them.
HDD GUIDE PIN Assy
Sub material: PET TAPE 2 (10 mm width x 3 cm)
inserted into pins
Insulation Parts
Cover the sensor of the FPC.
0~0.5mm
FPC ASSY
0~0.5mm
Safety Working
Fold it back once and adjust the length.
Match to the center of the HDD Damper.
0~5mm
Details
Shield Sheet (For GPS)
Completely cover the hole of the Case. Press and hold the leveled part, and attach it.
FPC Assy
FPC(HDD)
HDD Spacer C
0~0.5mm
0~0.5mm
Insulation Parts
5–1mm
Heater
HDD
Insulation Parts
Ensure you can see it from the slit space of the HDD after assembly.
Revision Label
5–1mm
Set the Hooks of the HDD Case A inside.
Press and hold it vertically, and screw it.
Use the jig.
Screw

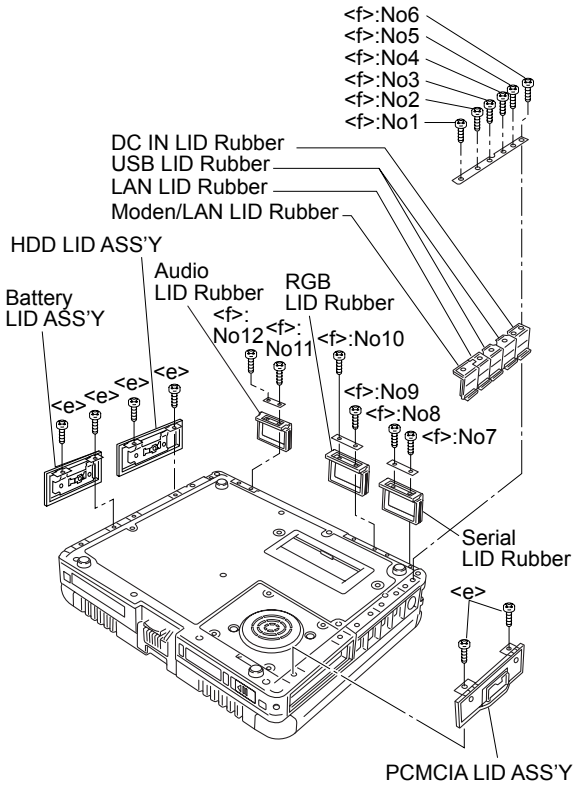
7.2.19. Assembling the Each Cover

1. Fix the Battery LID Ass'y, the HDD LID Ass'y, and the PCMCIA LID Ass'y using the six Screws<e>.
2. Set the Rear Cabinet.
3. Fix the Modem/LAN LID Rubber, the LAN LID Rubber, the USB LID Rubber, the DC IN LID Rubber, the Serial LID Rubber, the RGB LID Rubber,and the Audio LID Rubber using the 12 Screws<f>. No1 to No12

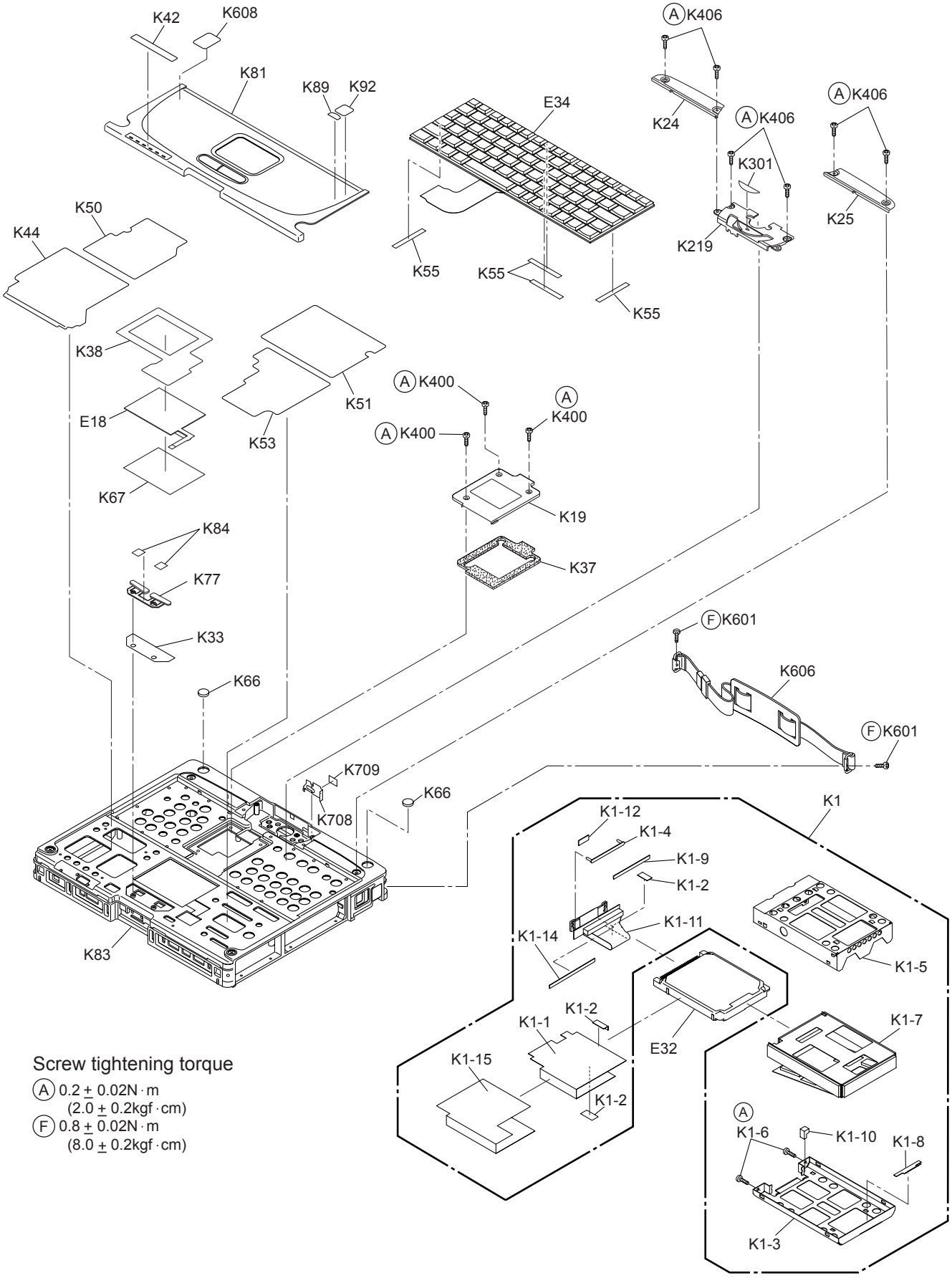
Note:

Tighten the Screws in the numbered order (No1 to No12).

Screws <e>:DRQT26+D3FKL
Screws <f>:DRHM5025YA



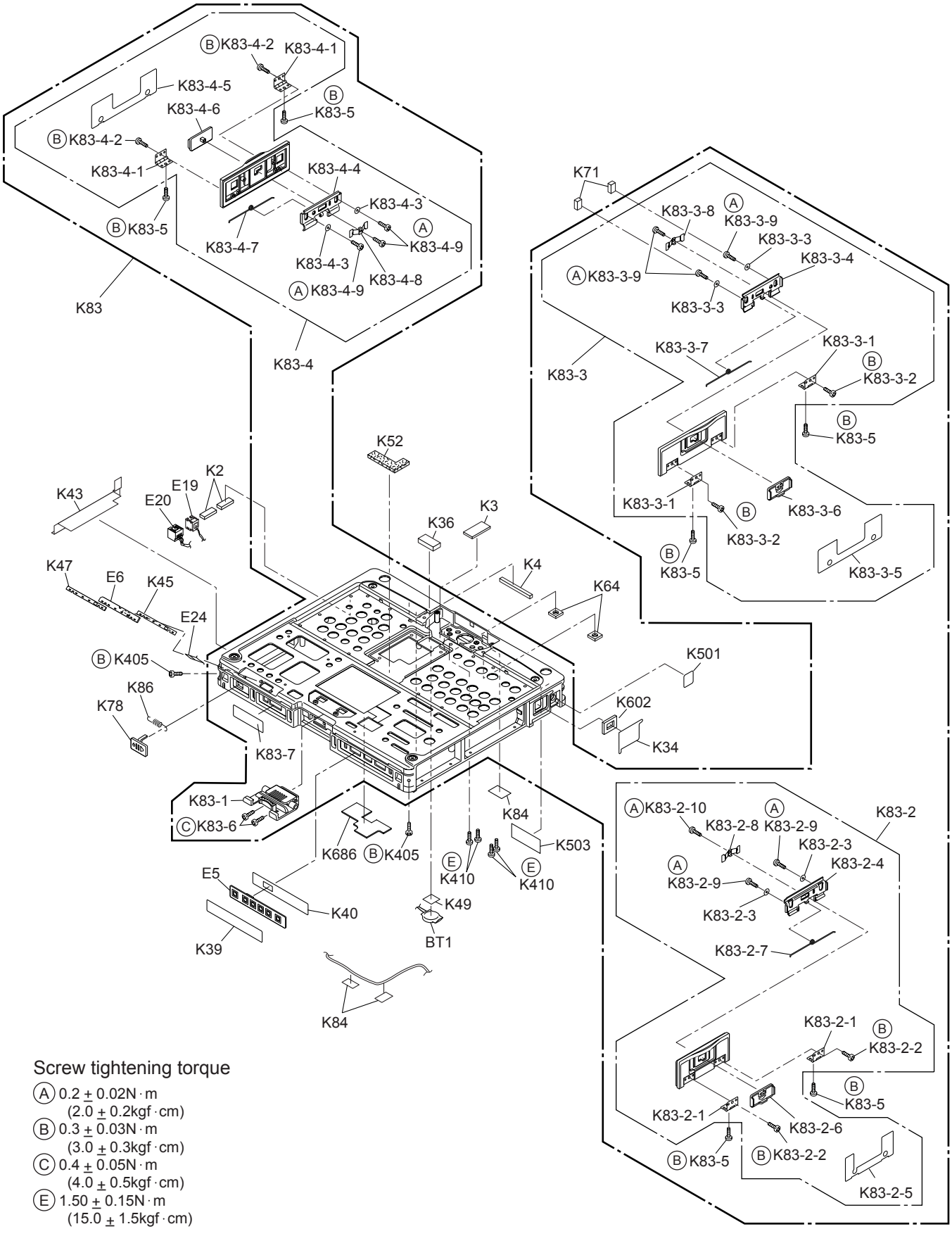
8 Exploded View



Screw tightening torque

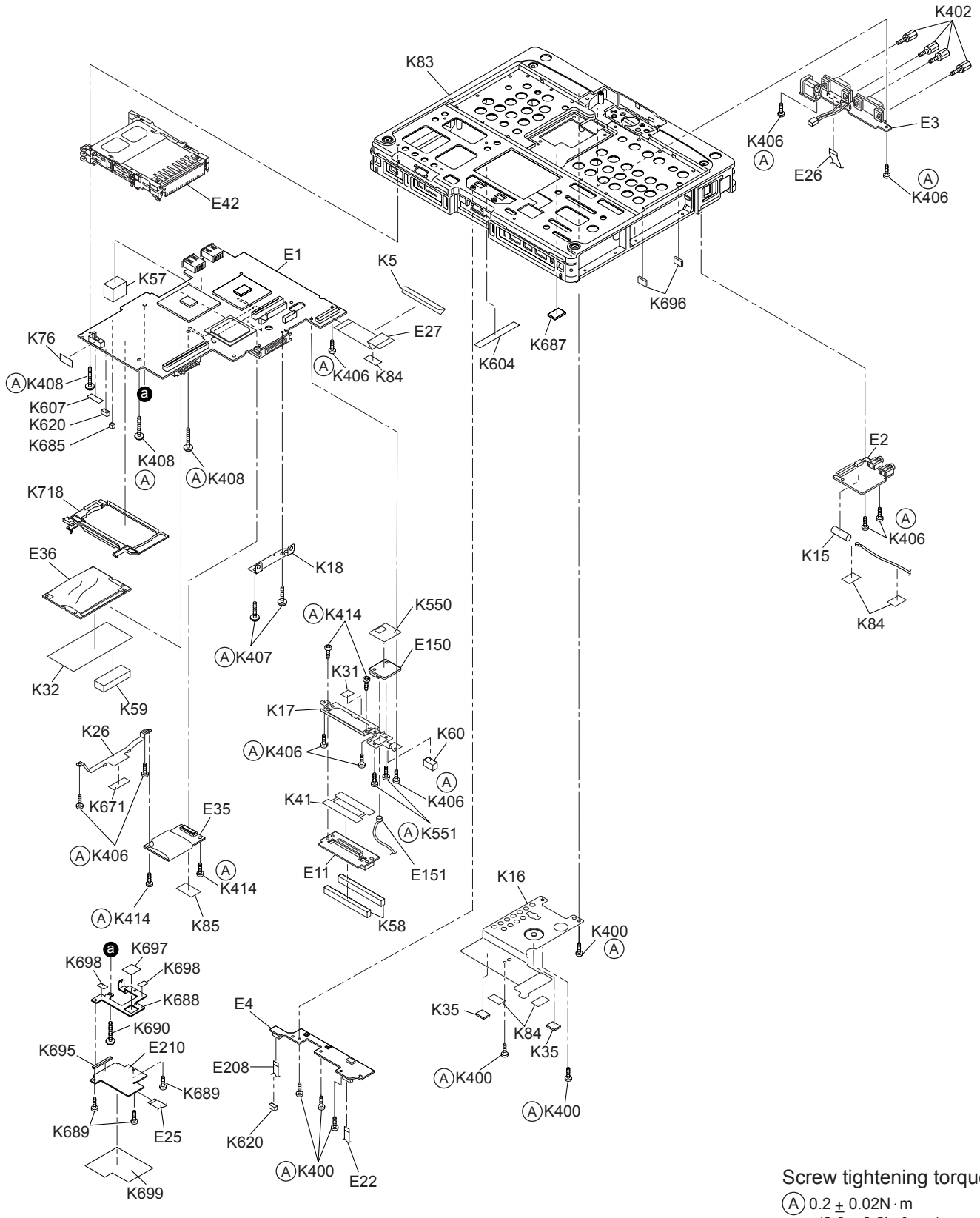
Ⓐ 0.2 ± 0.02N·m
(2.0 ± 0.2kgf·cm)

Ⓕ 0.8 ± 0.02N·m
(8.0 ± 0.2kgf·cm)



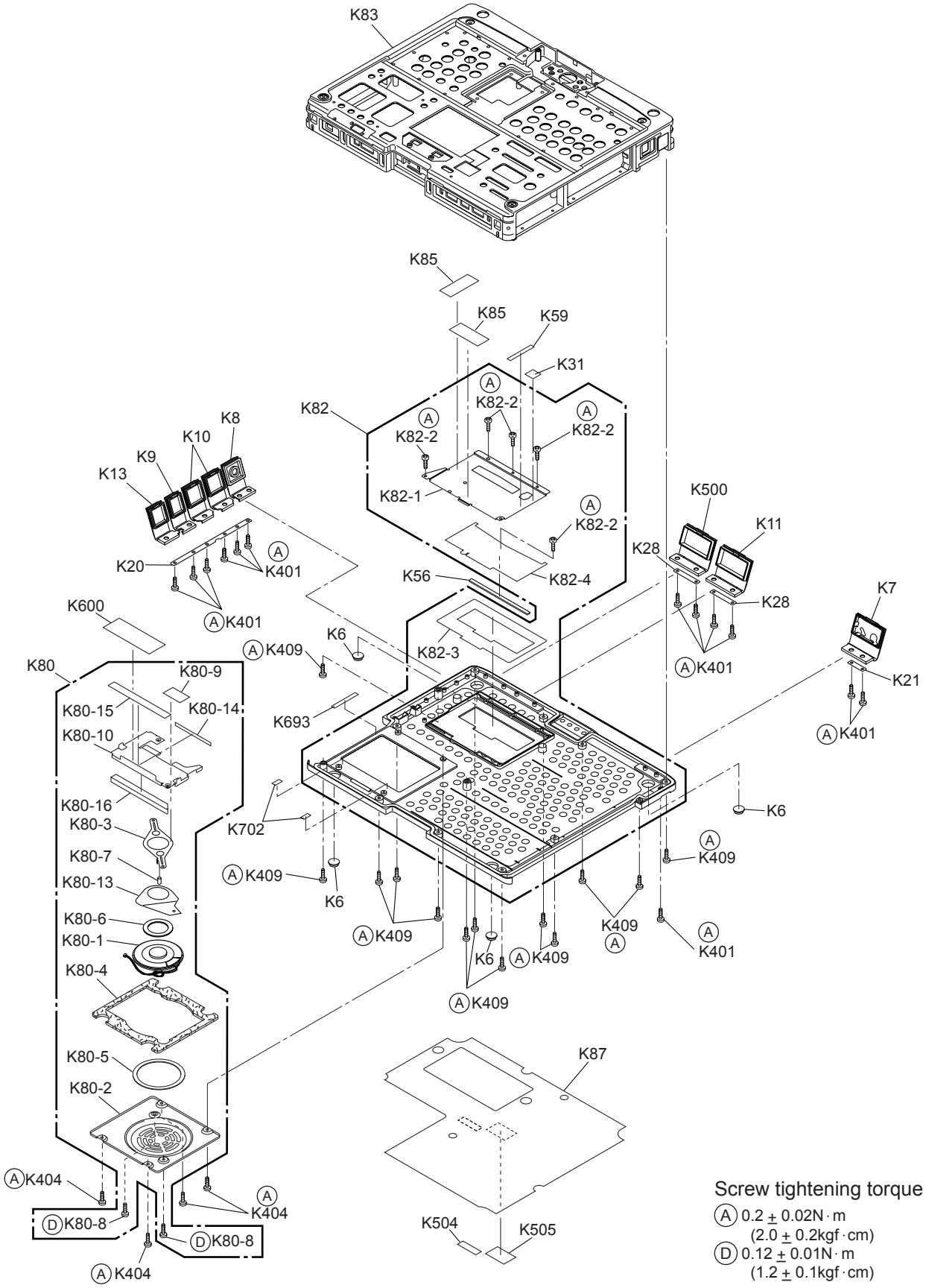
Screw tightening torque

Ⓐ 0.2 ± 0.02N · m
(2.0 ± 0.2kgf · cm)
Ⓑ 0.3 ± 0.03N · m
(3.0 ± 0.3kgf · cm)
Ⓒ 0.4 ± 0.05N · m
(4.0 ± 0.5kgf · cm)
Ⓔ 1.50 ± 0.15N · m
(15.0 ± 1.5kgf · cm)



Screw tightening torque

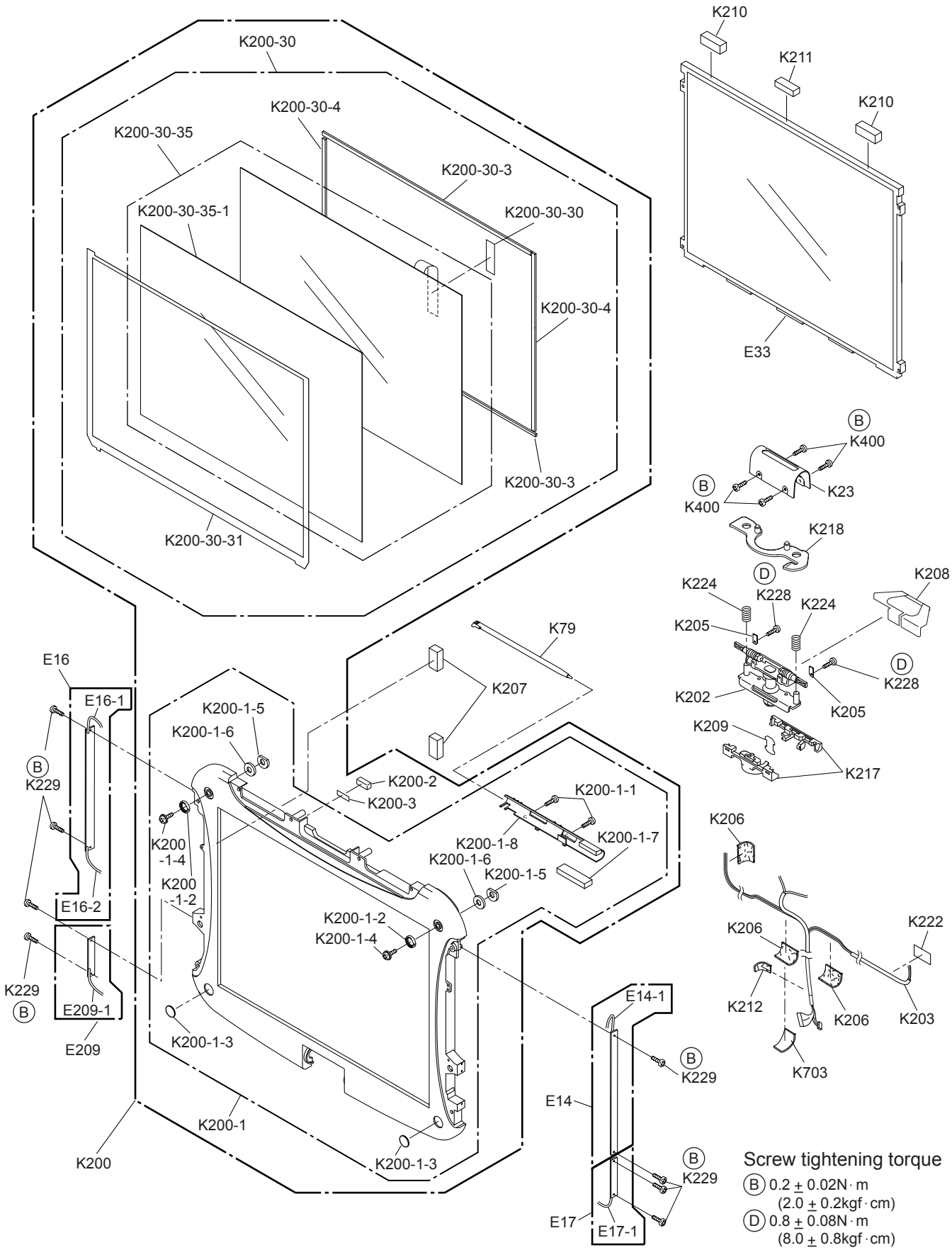
Ⓐ 0.2 ± 0.02N · m
(2.0 ± 0.2kgf · cm)



Screw tightening torque

(A) 0.2 ± 0.02N · m
(2.0 ± 0.2kgf · cm)

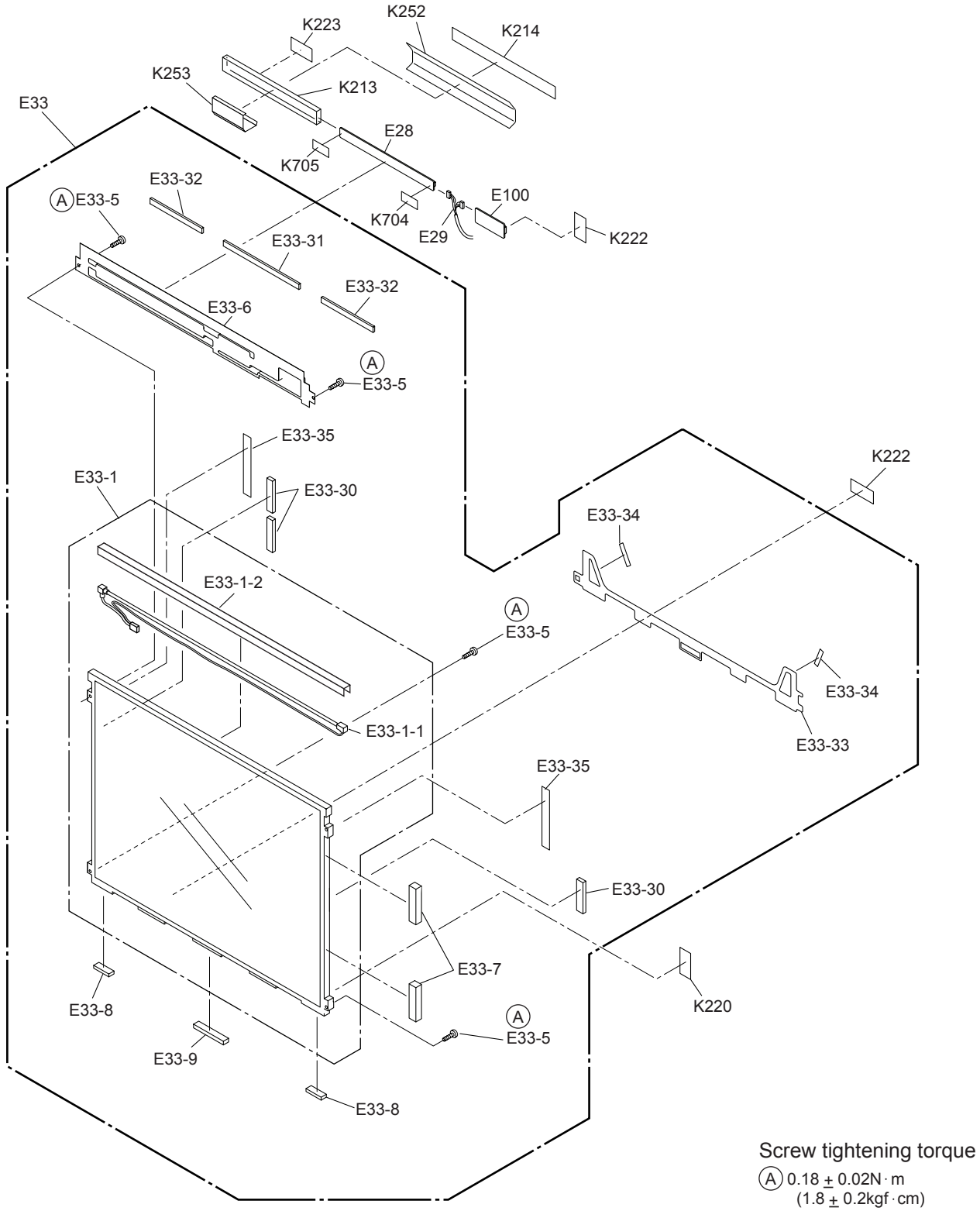
(D) 0.12 ± 0.01N · m
(1.2 ± 0.1kgf · cm)



Screw tightening torque

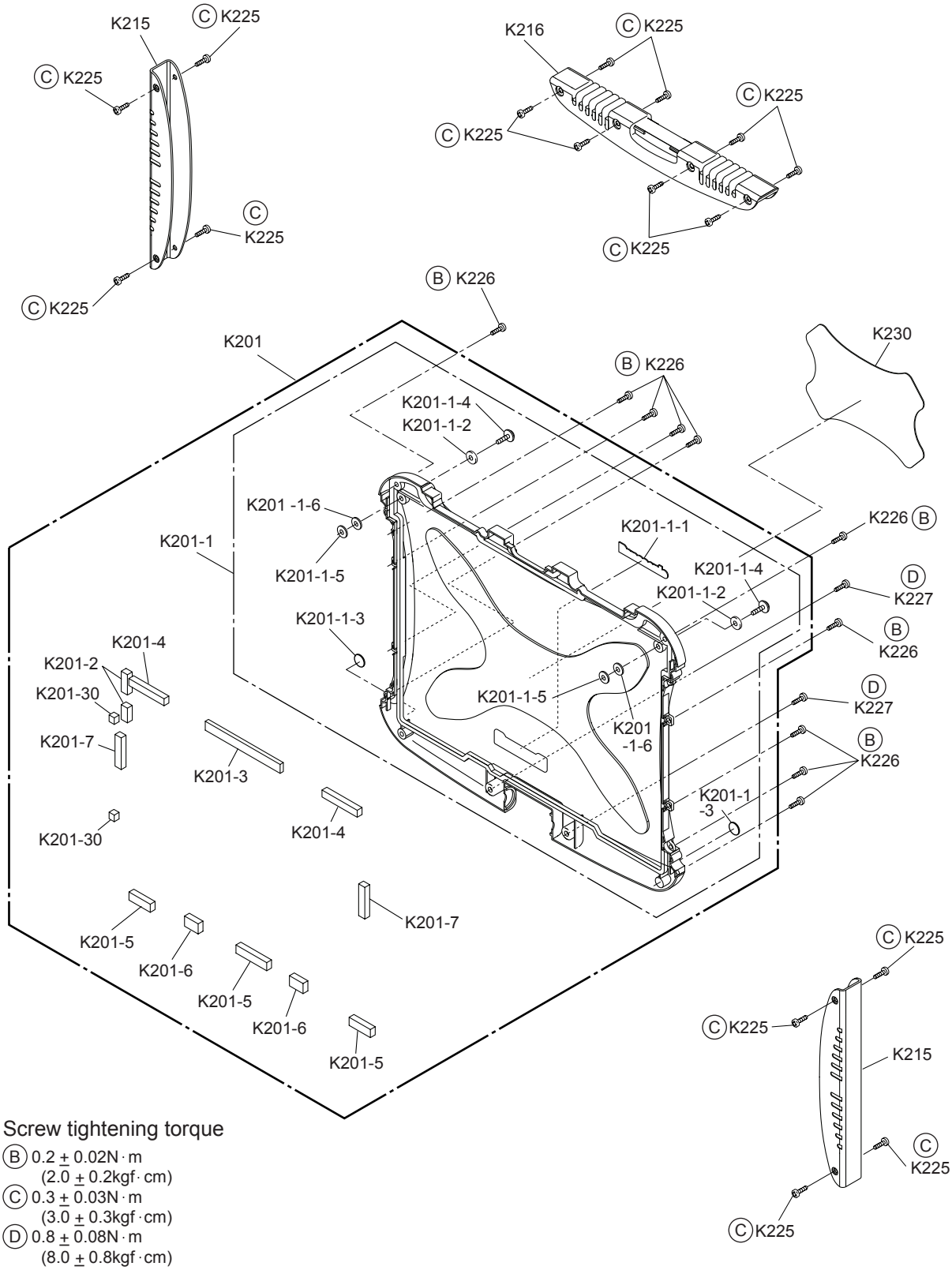
Ⓑ 0.2 ± 0.02N · m
(2.0 ± 0.2kgf · cm)

Ⓓ 0.8 ± 0.08N · m
(8.0 ± 0.8kgf · cm)



Screw tightening torque

Ⓐ 0.18 ± 0.02N · m
(1.8 ± 0.2kgf · cm)



Screw tightening torque

Ⓑ 0.2 ± 0.02N · m
(2.0 ± 0.2kgf · cm)
Ⓒ 0.3 ± 0.03N · m
(3.0 ± 0.3kgf · cm)
Ⓓ 0.8 ± 0.08N · m
(8.0 ± 0.8kgf · cm)

9 Replacement Parts List

Note: Important Safety Notice
Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

CF-18NHHZXBM

REF.NO. and AREA	PART NO.	DESCRIPTION	Q'TY
Main Block Unit			
E1	DL3U11471CAA	PCB, MAIN RTL	1
E2	DL3U21471CAA	PCB, AUDIO RTL	1
E3	DL3U31471CAA	PCB, I/O RTL	1
E4	DL3U1B482AAA	PCB, PAD RTL	1
E5	DL3U2B482AAA	PCB, SWITCH RTL	1
E6	DL3U3B482AAA	PCB, LED RTL	1
E11	DL3U4B482AAA	PCB, PORT RTL	1
E14	DL3U11490AAA	PCB, WIDE AREA ANTENNA RTL	1
E14-1	DFJS834YA	GPRS CABLE, GRAY	1
E16	DL3U31490AAA	PCB, BT-LAN2 ANTENNA RTL	1
E16-1	DFJS837YA	LAN MAIN CABLE, BLACK	1
E16-2	DFJS835YA	BT CABLE, BLUE	1
E17	DL3U41490AAA	PCB, LAN2 ANTENNA RTL	1
E17-1	DFJS836YA	LAN SUB CABLE, WHITE	1
E18	N2EABEC00006	TOUCH PAD	1
E19	DFJS827YA	CABLE, MODEM	1
E20	DFJS828YA	CABLE, LAN	1
E22	DFJK08T024DB	FFC, SW	1
E24	DFJK10T053DB	FFC, LED	1
E25	DFJK12T034DB	FFC, PAD	1
E26	DFJK24T034DB	FFC, IO	1
E27	DFJK40T072CB	FFC, AUDIO	1
E28 ⚠	N0GB1J000018	INVERTER	1
E29	DFJS923YA	CABLE, LCD TS	1
E32	N3CABSD00008	HDD	1
E33	DFWV08A0076	LCD UNIT ASS'Y	1
E33-1	DL3DW0180AAA	LCD ASS'Y	1
E33-1-1	A2CA00000056	LCD BACKLIGHT, CCFL	1
E33-1-2	DFHM0290ZA	REFLECTION ANGLE	1
E33-5	DXHM0042ZA	SCREW	4
E33-6	DFHR3C08ZA	LCD BACK DAMPER	1
E33-7	DFHR3B64ZA	LCD SIDE CUSHION A	2
E33-8	DFHR3506YA	LCD SIDE CUSHION C	2
E33-9	DFHR3507YA	LCD SIDE CUSHION D	1
E33-30	DFHR3453YA	LCD BACK CUSHION SIDE	3
E33-31	DFHR3570YA	LCD BACK CUSHION	1
E33-32	DFHR3571YA	LCD BACK CUSHION S	2
E33-33	DFHR3612ZA	LCD PWB SPACER	1
E33-34	DFHR3647YA	SPACER SHEET	2
E33-35	DFHR3648ZA	HOLDER SHEET B	2
E34	N2ABAJ000001	KEYBOARD, US	1
E35	N5HAZ0000013	MDC MODEM	1
E36	N5HZC0000014	WIRELESS LAN MODULE	1
E42	K1YYZZ000058	CARD BUS SOCKET	1
E100	DL3U5B482AAA	PCB, TS PS2 RTL	1
E150	DL3UP1282AAA	PCB, ANTENNA RTL	1
E151	DFJS877YA	CABLE, ANTENNA	1

E208	DFJK13T024DB	FFC, PAD	1
E209	DL3U21490AAA	PCB, WIDE AREA AUX ANTENNA RTL	1
E209-1	DFJS977ZA	CABLE, WIDE AREA AUX ANT. BROWN	1
E210	DL3U7B482AAA	PCB, SD RTL	1
Accessories			
A1 ⚠	CF-AA1623AM6	AC ADAPTOR	1
A2 ⚠	K2CG3DR00003	AC CABLE	1
A3 ⚠	DFQX5561YA	MANUAL	1
A4 ⚠	CGR-B/6D8A	BATTERY PACK	1
A6	DFJS954ZA	MODEM CABLE	1
A7	DFHS9017ZA	CLOTH ASS'Y	1
A25	DFQC9006ZB-0	SHOULDER BELT ASS'Y	1
A26	DFME0134ZA	TETHER	1
Packing Material			
P1	DFPK1147QA	CASE, PACKING	1
P2	DFPE0599ZA	HOLDER	1
P3	DFPE0733YA	ACCESSORIES BOX	1
Mechanical Parts			
K1	DFWV99A0104	HDD MOUNTING KIT	1
K1-1	L9DZAA000004	HEATER	1
K1-2	DFMX0383TA	INSULATION SHEET	3
K1-3	DFHM0280YA	HDD CASE A	1
K1-4	DFHM0313ZA	MDD GUIDE PIN PLATE	1
K1-5	DFHM9007ZA	HDD CASE B	1
K1-6	DFHE5025XA	SCREW	2
K1-7	DFHR3443XA	HDD DAMPER	1
K1-8	DFHR3589ZA	HDD CASE TAB	1
K1-9	DFHR3601ZA	HDD GUIDE PLATE SPACER	1
K1-10	DFHR3627YA	HDD CUSHION SPACER	1
K1-11	DL3UP1279BAA	FPC ASS'Y, HDD	1
K1-12	DFHP7124ZA	TAPE	1
K1-14	DFHR3A10ZA	HDD SPACER C	1
K1-15	DFMX1207ZA	INSULATION SHEET, HDD HEATER	1
K2	DFHE0326XA	GASKET	2
K3	DFHE0519XA	GASKET E	1
K4	DFHE0811YA	GASKET	1
K5	DFHE0815ZA	CONDUCTIVE SHEET	1
K6	DFHG1209ZA	RUBBER, FOOT	4
K7	DFHG1630ZA-0	AUDIO LID RUBBER	1
K8	DFHG1632XA-0	DC IN LID RUBBER	1
K9	DFHG1638ZA-0	MODEM/LAN LID RUBBER	1
K10	DFHG1639ZA-0	USB LID RUBBER	2
K11	DFHG1641ZB-0	RGB LID RUBBER	1
K13	DFHG1660ZA-0	LAN LID RUBBER	1
K15	DFHG427YA	ANTENNA CAP	1
K16	DFHM0379ZA	CPU HEAT PLATE	1
K17	DFHM0276SA	DU CNT ANGLE	1
K18	DFHM0282YA	HDD GUIDE PLATE ASM	1
K19	DFHM0284XA	KB CNT LID	1
K20	DFHM0286YB	LID RUBBER PLATE A	1
K21	DFHM0288ZB	LID RUBBER PLATE C	1
K23	DFHM0296XA-0	LCD HINGE COVER	1
K24	DFHM0302YA-0	KBD PLATE (L)	1
K25	DFHM0303YA-0	KBD PLATE (R)	1
K26	DFHM0307YA	BAT CON ANGLE	1
K28	DFHM0311ZB	LID RUBBER PLATE B	2

K31	DFHR3262ZA	MODEM TAPE	2
K32	DFHR3301YA	MINI PCI CARD SHEET	1
K33	DFHR3438ZA	CLICK BUTTON SHEET	1
K34	DFHR3808ZA	GPS HOLE SHEET	1
K35	DFHR3445YA	HEAT DISSIPATION RUBBER	2
K36	DFHR3450ZA	KB CNT HOLE CUSHION	1
K37	DFHR3451ZB	KB CNT LID SHEET	1
K38	DFHR3474YA	TP TAPE	1
K39	DFHR3483SA	OPERATION SHEET	1
K40	DFHR3485ZA	OPERATION TAPE	1
K41	DFHR3487ZA	PORTRE SHEET	1
K42	DFHR3510ZA	LED SHEET	1
K43	DFHR3B11YA	SHEET, PCMCIA	1
K44	DFHR3512ZA	LED WATERPROOF SHEET	1
K45	DFHR3513ZA	LED PWB TAPE	1
K47	DFHR3536YA	LED LIGHT GUIDE SHEET	1
K49	DFHR3551YA	COIN BATTERY SHEET	1
K50	DFHR3581YA	KBD WATERPROOF SHEET L	1
K51	DFHR3582ZA	KBD WATERPROOF SHEET R	1
K52	DFHR3583ZA	KBD WATERPROOF SHEET C	1
K53	DFHR3584ZA	PALMREST SHEET R	1
K55	DFHP7106YA	TAPE	4
K56	DFHR3622ZA-0	DU STOPPER	1
K57	DFHR3623ZA	DU STOPPER A	1
K58	DFHR3624ZA	DU STOPPER B	2
K59	DFHR3625ZA	DU STOPPER C	2
K60	DFHR3626ZA	DU STOPPER D	1
K64	DFHR3636ZA	CABLE HOLD SHEET	2
K66	DFHR3642YA	LCD CUSHION SHEET	2
K67	DFHR3643ZA	TP BOTTOM TAPE	1
K71	DFHR3655YA	HDD CASE SPACER	2
K76	DFHR3677ZA	INSULATION SHEET	1
K77	DFHR6044XA	CLICK BUTTON PLATE	1
K78	DFHR6052XB-0	POWER SW KNOB	1
K79	DFHR9081ZA	PEN	1
K80	DFKE9078YA-0	DIMM LID ASSY SD	1
K80-1	L0AA04A00022	SPEAKER UNIT	1
K80-2	DFHM0275ZB	DIMM LID	1
K80-3	DFHM0298YA	SPEAKER ANGLE	1
K80-4	DFHR3439ZA	DIMM LID SHEET	1
K80-5	DFHR3471ZA	SP WATERPROOF SHEET	1
K80-6	DFHR3520ZA	SPEAKER WASHER	1
K80-7	DFHR3535ZA	SPEAKER CABLE TUBE	1
K80-8	DRHM5025YA	SCREW	2
K80-9	DFMX1070ZA	FDD INSULATION SHEET (2)	1
K80-10	DFHM0377YA	DIMM HEAT SINK PLATE	1
K80-13	DFMX1197ZA	SPEAKER INSULATION SHEET	1
K80-14	DFHR3C04ZA	DIMM CARD INSULATION SHEET	1
K80-15	DFHR3C05ZA	DIMM TIP INSULATION SHEET	1
K80-16	DFHR8509ZA	DIMM PLATE SPACER	1
K81	DFKE9065WA-0	PALM REST ASS'Y	1
K82	DFKM9030ZA-0	BOTTOM CASE ASS'Y	1
K82-1	DFHM0277YA	DU LID ANGLE	1
K82-2	DRHM5025YA	SCREW	5
K82-3	DFHR3441ZA	DU LID WATERPROOF SHEET	1
K82-4	DFHR6045ZA	DU LID	1

K83	DFKM9034XA-0	TOP CASE ASS'Y	1
K83-1	DFKE9073YA-0	TABLET LATCH ASS'Y	1
K83-2	DFKE9071ZA-0	BATT LID ASS'Y	1
K83-2-1	DFBH3030ZA	LID HINGE	2
K83-2-2	DRQT26+D3FKL	SCREW	2
K83-2-3	DFHM0310YA	WASHER	2
K83-2-4	DFHM0315YC	LID LATCH PLATE BATT	1
K83-2-5	DFHR3509YA	BAT COVER SHEET	1
K83-2-6	DFKE0799ZA-0	TABLE LATCH KNOB	1
K83-2-7	DFUN0068XA	LID KNOB SPRING	1
K83-2-8	DFUS0292ZB	LID KNOB SPRING PLATE	1
K83-2-9	DRHM5025YA	SCREW	2
K83-2-10	DXQT2+F3FNLT	SCREW	1
K83-3	DFKE9072ZB-0	HDD LID ASS'Y	1
K83-3-1	DFBH3030ZA	LID HINGE	2
K83-3-2	DRQT26+D3FKL	SCREW	2
K83-3-3	DFHM0310YA	WASHER	2
K83-3-4	DFHM0285XC	LID LATCH PLATE	1
K83-3-5	DFHR3508YA-0	HDD COVER SHEET	1
K83-3-6	DFKE0799ZA-0	TABLE LATCH KNOB	1
K83-3-7	DFUN0068XA	LID KNOB SPRING	1
K83-3-8	DFUS0292ZB	LID KNOB SPRING PLATE	1
K83-3-9	DRHM5025YA	SCREW	3
K83-4	DFKE9075XA-0	PCMCIA LID ASS'Y	1
K83-4-1	DFBH3030ZA	LID HINGE	2
K83-4-2	DRQT26+D3FKL	SCREW	2
K83-4-3	DFHM0310YA	WASHER	2
K83-4-4	DFHM0285XC	LID LATCH PLATE	1
K83-4-5	DFHR3588WA-0	PCMCIA COVER SHEET SD	1
K83-4-6	DFKE0799ZA-0	TABLE LATCH KNOB	1
K83-4-7	DFUN0068XA	LID KNOB SPRING	1
K83-4-8	DFUS0292ZB	LID KNOB SPRING PLATE	1
K83-4-9	DRHM5025YA	SCREW	3
K83-5	DRQT26+D3FKL	SCREW	6
K83-6	DXQT3+F4FNLT	SCREW	2
K83-7	DFHR3480ZA	WL DUMMY SHEET	1
K84	DFMX0383TA	INSULATION SHEET	10
K85	DFHR7518ZA	H CABLE SHEET	3
K86	DFUQ0101YA	SW SPRING	1
K87 ⚠	DFGT1054ZA	RATED LABEL	1
K89	DFQT9675ZA	ENERGY STAR LABEL	1
K92	DFQT9948ZA	CENTRINO LABEL	1
K200	DFWV80A0354	LCD FRONT CABINET/TS PANEL ASS'Y	1
K200-1	DFKF9031ZA-0	FRONT CASE ASS'Y	1
K200-1-1	DRHM5025YA	SCREW	2
K200-1-2	DFHG1634YA-0	LCD CABINET CUSHION A	2
K200-1-3	DFHG1635ZA-0	LCD CABINET CUSHION B	2
K200-1-4	DFHM0319YA	LCD ELE PASS	2
K200-1-5	DFHM0321ZA	D WASHER	2
K200-1-6	DFHM0322ZA	SPRING WASHER	2
K200-1-7	DFHR3469ZA	PEN FRICTION SHEET	1
K200-1-8	DFHR6051ZE	PEN HOLDER	1
K200-2	DFHE0805ZA	MAGNET	1
K200-3	DFHP7149ZA	MAGNET TAPE	1
K200-30	DFWV84A0261	TOUCH SCREEN PANEL KIT	1
K200-30-3	DFHR3476ZA	SPACER A	2

K200-30-4	DFHR3477ZA	SPACER B	2
K200-30-30	DFHR3630ZA	TS FPC SPACER	1
K200-30-31	DFHR3674YA	TS TAPE	1
K200-30-35	DL3DV0180AAA	TS PANEL ASS'Y	1
K200-30-35-1	DFHR9071ZA	PROTECTION FILM	1
K201	DFWV80C0497	LCD REAR CABINET ASS'Y	1
K201-1	DFKM9032ZA-0	REAR CASE ASS'Y	1
K201-1-1	DFHR3468ZA-0	PANA BADGE	1
K201-1-2	DFHG1634YA-0	LCD CABINET CUSHION A	2
K201-1-3	DFHG1635ZA-0	LCD CABINET CUSHION B	2
K201-1-4	DFHM0319YA	LCD ELE PASS	2
K201-1-5	DFHM0321ZA	D WASHER	2
K201-1-6	DFHM0322ZA	SPRING WASHER	2
K201-2	DFHR3563YA	LCD REAR CUSHION C	2
K201-3	DFHR3564YA	LCD REAR CUSHION D	1
K201-4	DFHR3565YA	LCD REAR CUSHION E	2
K201-5	DFHR3566YA	LCD REAR CUSHION F	3
K201-6	DFHR3460YA	LCD REAR CUSHION A	2
K201-7	DFHR3461YA	LCD REAR CUSHION B	2
K201-30	DFHR3567YA	LCD REAR CUSHION G	2
K202	DFBH3029VA	LCD HINGE	1
K203	DFHE0814ZA	CONDUCTIVE SHEET	1
K205	DFHM0325ZA	CABLE HOLD PLATE	2
K206	DFHR3432ZA	ANT CABLE CUSHION	3
K207	DFHR3464WA	LCD SIDE CUSHION B TP	2
K208	DFHR3516ZA	PROTECT SHEET, SCREW	1
K209	DFHR3572YA	LCD CABLE HOLDER SHEET	1
K210	DFHR3573YA	LCD SIDE CUSHION E	2
K211	DFHR3574YA	LCD SIDE CUSHION F	1
K212	DFHR3614ZA	CABLE STOPPER TAPE	1
K213	DFHR3631YA	INVERTER CASE	1
K214	DFHR3A65ZA	INSULATION SHEET INV. CASE	1
K215	DFHR6193YA-1	ANTENNA COVER	2
K216	DFHR6106ZC-1	TABLET LATCH COVER	1
K217	DFHR6081ZA-0	CABLE HOLDER	2
K218	DFKE9059YA	LOCK PLATE ASSY	1
K219	DFKE9074ZA-0	HINGE TOP COVER ASSY	1
K220	DFMC0685ZA	CONDUCTIVE SHEET, LCD	1
K222	DFMX0383TA	INSULATION SHEET	4
K223	DFQT6077YA	CAUTION LABEL, LCD	1
K224	DFUQ0100ZA	LOCK SPRING	2
K225	DRQT26+E5FKL	SCREW	16
K226	DXYN2+J6FNL	SCREW	10
K227	DXYN3+J10FNL	SCREW	2
K228	DXYN3+J8FNL	SCREW	2
K229	DFHE5025XA	SCREW	8
K230	DFHR3472ZA-0	TOUGH BADGE	1
K252	DFMC0808ZA	INVERTER MIL COVER	1
K253	DFMC0816ZA	INVERTER MIL SHEET	1
K301	DFQT9869ZA-0	RELEASE LABEL	1
K400	DFHE5025XA	SCREW	13
K401	DRHM5025YA	SCREW	13
K402	DFHE5058ZB	SCREW, DSUB	4
K404	DRQT2+D2FKL	SCREW	4
K405	DXQT3+D4FKNL	SCREW	2
K406	DRSB2+5FKL	SCREW	16

K407	DXYN2+J12FNL	SCREW	2
K408	DXYN2+J18FNL	SCREW	3
K409	DRHM0061ZA	SCREW	13
K410	DXYN4+J8FNL	SCREW	4
K414	XSB2+4FNL	SCREW	4
K500	DFHG1633ZB-0	RUBBER, SERIAL LID	1
K501	DFHR3539YA	SHEET, HEAD SET DUMMY	1
K503	DFHR3644ZA	TAPE, SIMM DUMMY	1
K504	DFQT6255ZA	LABEL, W-LAN	1
K505	DFQT6311ZA	LABEL, FCC ID	1
K550	DFHR3488ZA	SHEET, EXT ANTENNA	1
K551	DFHE5108ZA	SCREW	2
K600	DFMY0419ZA	DIMM THERMAL RUBBER	1
K601	DRYN3+J6FKL	SCREW	2
K602	DFHR3809ZB	GPS HOLE SHEET B	1
K604	DFHR3969ZA	PCMCIA SHEET 3	1
K606	DFQC9009ZC-0	STRAP BG ASS'Y	1
K607	DFHR8516ZA	FFC SPACER	1
K608	DFQT9974ZA	WINDOS XP LABEL (FOR NOTE)	1
K620	DFHR3741ZA	FFC CN STOPPER	2
K671	DFHG1790ZA	BAT CUSHION	1
K685	DFMC0848YA	GASKET	1
K686	DFMX1200ZA	INS. SHEET, TOUCH PAD CARD	1
K687	DFMY0248YA	CPU HEATSINK RUBBER	1
K688	DFHM0378ZA	SD ANGLE	1
K689	DXQN2+A22FNL	SCREW	3
K690	DXSN2+18FNL	SCREW	1
K693	DFHR3859ZA	DC IN SHEET	1
K695	DFHR3B12ZA	SHEET, SD BOARD	1
K696	DFHR3B65ZA	CUSHION, HDD PACK	2
K697	DFHR3B84YA	SPACER, SD ANGLE (1)	1
K698	DFHR3B85ZA	SPACER, SD ANGLE (2)	2
K699	DFHR3B87ZA	SHEET, SD FFC	1
K702	DFHR8517ZA	CUSHION, HDD	2
K703	DFHE0915ZA	SHEET	1
K704	DFHR3C06ZA	INVERTER SHEET (1)	1
K705	DFHR3C07ZA	INVERTER SHEET (2)	1
K708	DFMD3125ZA	BACK PLATE, KENSINGTON 2	1
K709	DFHP7200ZA	TAPE, AHDESIVE	1
K718	DFHR6220ZA	DIMM HOLDER	1

Replacement Parts List

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REF. NO and AREA	PART NO.	DESCRIPTION	Q'TY
MAIN PCB			
BT 1 ⚠	CR2032/S5W	RTC BATTERY	1
C 2	F1J0J106A016	CAPACITOR, 6.3V, 10µF	76
C 3			
C 4			
C 6			
C 7			
C 8			
C 11			
C 12			
C 13			
C 15			
C 16			
C 17			
C 19			
C 20			
C 21			
C 23			
C 24			
C 25			
C 26			
C 29			
C 30			
C 31			
C 32			
C 34			
C 35			
C 36			
C 37			
C 40			
C 41			
C 42			
C 43			
C 45			
C 46			
C 47			
C 48			
C 49			
C 54			
C 62			
C 63			
C 64			

C 70 C 77 C 85 C 86 C 96 C 98 C 99 C 102 C 103 C 107 C 165 C 170 C 176 C 177 C 180 C 252 C 253 C 278 C 287 C 290 C 303 C 304 C 314 C 316 C 328 C 329 C 335 C 341 C 343 C 348 C 352 C 353 C 369 C 392 C 396 C 692			
C 5 C 208 C 214 C 688	EEFCD0D151ER	CAPACITOR, 2V, 150µF	4
C 9 C 10 C 14 C 18 C 22 C 27 C 33 C 38 C 39 C 44	F1G1C104A042	CAPACITOR, 16V, 0.1µF	159

C 60			
C 61			
C 65			
C 67			
C 68			
C 69			
C 74			
C 75			
C 76			
C 78			
C 79			
C 82			
C 88			
C 97			
C 100			
C 106			
C 109			
C 111			
C 112			
C 115			
C 116			
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C 291 C 292 C 293 C 311 C 312 C 313 C 315 C 318 C 321 C 322 C 326 C 336 C 345 C 346 C 349 C 350 C 351 C 354 C 361 C 362 C 363 C 364 C 365 C 366 C 367 C 368 C 377 C 382 C 383 C 384 C 388 C 389 C 391 C 393 C 394 C 395 C 399 C 400 C 430 C 432 C 433 C 434 C 435 C 436 C 601 C 607 C 629 C 635 C 636			
C 50	F1G1E103A062	CAPACITOR, 25V, 0.01µF	28

C 166 C 168 C 169 C 171 C 174 C 175 C 178 C 179 C 197 C 215 C 234 C 245 C 246 C 265 C 269 C 270 C 271 C 296 C 299 C 307 C 309 C 347 C 375 C 600 C 628 C 630 C 689			
C 55	F1G1H222A496	CAPACITOR, 50V, 2200pF	1
C 56 C 57 C 187 C 330 C 331 C 332 C 333	F1G1A104A014	CAPACITOR, 10V, 0.1µF	7
C 66 C 84 C 108 C 141 C 164 C 181 C 249 C 251 C 272 C 317 C 319 C 360 C 390	F1H0J1050022	CAPACITOR, 6.3V, 1µF	13
C 71 C 275	F1G1H102A496	CAPACITOR, 50V, 1000pF	20

C 277 C 281 C 283 C 339 C 344 C 378 C 379 C 380 C 419 C 420 C 616 C 623 C 637 C 638 C 659 C 666 C 677 C 684			
C 72 C 73 C 80 C 81 C 83 C 650 C 651 C 652	EEFCX0D331R	CAPACITOR, 2V, 330µF	8
C 87 C 89 C 90 C 91 C 93 C 94 C 95	F1G1A474A018	CAPACITOR, 10V, 0.47µF	7
C 92 C 105	F1G0J224A001	CAPACITOR, 6.3V, 0.22µF	2
C 101 C 653 C 671 C 693	EEFCD0D101ER	CAPACITOR, 2V, 100µF	4
C 104	EEFCX0D221R	CAPACITOR, 2V, 220µF	1
C 110 C 113 C 114 C 119 C 120 C 125 C 126 C 129 C 132 C 133	F1H1A1050015	CAPACITOR, 10V, 1µF	22

C 152 C 153 C 154 C 155 C 188 C 194 C 195 C 244 C 603 C 640 C 698 C 799			
C 136 C 137	F1G1H3R3A543	CAPACITOR, 50V, 3.3pF	2
C 142 C 143 C 398	F1G1H150A542	CAPACITOR, 50V, 15pF	3
C 172 C 173	F1G1H270A451	CAPACITOR, 50V, 27pF	2
C 183 C 279 C 387 C 612 C 641 C 642 C 643 C 657 C 668 C 686	F1G1H1010005	CAPACITOR, 50V, 100pF	10
C 186 C 189	F1G1H5R0A452	CAPACITOR, 50V, 5pF	2
C 257 C 258	EEFUD0J151ER	CAPACITOR, 6.3V, 150µF	2
C 294 C 295 C 297 C 298 C 618 C 619 C 625 C 661 C 662 C 674 C 679 C 680	F1G1H221A495	CAPACITOR, 50V, 220pF	12
C 323 C 325	F1G1H6R0A452	CAPACITOR, 50V, 6pF	2
C 327	F1L3D102A003	CAPACITOR, 2000V, 1000pF	1
C 337 C 606	F1H1H104A748	CAPACITOR, 50V, 0.1µF	17

C 613 C 615 C 622 C 655 C 658 C 665 C 673 C 675 C 676 C 683 C 694 C 695 C 697 C 699 C 700			
C 355 C 356 C 358 C 359 C 604	F1J1E105A009	CAPACITOR, 25V, 1µF	5
C 374 C 632 C 633 C 634	F1G1C473A004	CAPACITOR, 16V, 0.047µF	4
C 376	F1G1A683A014	CAPACITOR, 10V, 0.068µF	1
C 411 C 412	F1G1H100A544	CAPACITOR, 50V, 10pF	2
C 608 C 609	EEFCX0J101R	CAPACITOR, 6.3V, 100µF	2
C 611 C 626 C 648 C 649 C 654 C 669 C 672 C 687 C 701	F1L1E106A017	CAPACITOR, 25V, 10µF	9
C 614 C 624	F1H1H103A748	CAPACITOR, 50V, 0.01µF	2
C 617 C 620 C 660 C 663 C 678 C 681	F1G1H220A542	CAPACITOR, 50V, 22pF	6
C 621 C 646 C 664 C 682	F1J0J475A009	CAPACITOR, 6.3V, 4.7µF	4

C 627	EEFCX0G151R	CAPACITOR, 4V, 150µF	1
C 639	F1G1H471A496	CAPACITOR, 50V, 470pF	1
C 644	F1G1H681A496	CAPACITOR, 50V, 680pF	1
C 645	F1J1E334A081	CAPACITOR, 25V, 0.33µF	1
C 656 C 667	F1H1H182A748	CAPACITOR, 50V, 1800pF	2
C 670	EEFCD0G101ER	CAPACITOR, 4V, 100µF	1
C 685	F1H1E472A050	CAPACITOR, 25V, 4700pF	1
C 696	F1G1H152A496	CAPACITOR, 50V, 1500pF	1
C 702 C 703	F1K1E1060001	CAPACITOR, 25V, 10µF	2
C 704	EEFCD0J470ER	CAPACITOR, 6.3V, 47µF	1
CF 1 CF 6	D4CC1103A038	THERMISTOR	2
CN 6 CN 7	K1FB104B0055	CONNECTOR	2
CN 2	K1MML0B00004	CONNECTOR	1
CN 3	K1KA02BA0014	CONNECTOR	1
CN 4	K1NAF0D00003	CONNECTOR	1
CN 5	K1KB50BA0001	CONNECTOR	1
CN 8	K1KA20AA0261	CONNECTOR	1
CN 9	K1MN24BA0059	CONNECTOR	1
CN 11	K1MMC4B00013	CONNECTOR	1
CN 12	K1KA08AA0266	CONNECTOR	1
CN 14	K1KA02B00247	CONNECTOR	1
CN 15	K1KA10B00213	CONNECTOR	1
CN 16	K1MN50AA0018	CONNECTOR	1
CN 17	K1KA11AA0267	CONNECTOR	1
CN 18	K1MN26AA0074	CONNECTOR	1
CN 20	K1MY04AA0041	CONNECTOR	1
CN 21	K1MN12AA0018	CONNECTOR	1
CN 23	K1MN13AA0018	CONNECTOR	1
CN 24	K1KB30A00171	CONNECTOR	1
CN 25	K1KAA0A00143	CONNECTOR	1
CN 27	K1MY40BA0098	CONNECTOR	1
CN 30	K1MN06AA0058	CONNECTOR	1
CN 37	K1KA02AA0229	CONNECTOR	1
CN 35	K1MN10AA0018	CONNECTOR	1
D 1 D 2 D 3 D 11	MA2J72900L	DIODE	4
D 4 D 6 D 625	B0JDBE000002	DIODE	3
D 7 D 8 D 9	MA3J14700L	DIODE	3
D 10 D 600	B0JCPD000023	DIODE	3

D 799			
D 12 D 13	B0KB00000044	DIODE	2
D 601 D 602 D 603	B0ADDH000004	DIODE	3
D 604	MAZ81200ML	DIODE	1
D 605	MAZ81800ML	DIODE	1
D 606 D 622	MA3S132E0L	DIODE	2
D 608	B0JCQD000001	DIODE	1
D 609 D 611 D 626 D 628 D 629 D 631 D 632	B0JCMD000014	DIODE	7
D 610 D 627 D 630	B0JDAE000004	DIODE	3
D 612 D 613 D 614 D 615 D 617 D 618	MAZ80510ML	DIODE	6
D 616	MAZ80620ML	DIODE	1
D 619 D 621	MA2S111-TX	DIODE	2
D 620	B2ABAM000002	DIODE	1
D 623	B0JCCE000008	DIODE	1
D 624	DEDRB081L20	DIODE	1
F 1 ⚠	K5H502Z00003	FUSE, 5A	1
F 2 ⚠ F 3 F 4 F 6	K5H202Z00005	FUSE, 2A	4
IC 1	C2GBC0000263	IC, CPU	1
IC 2	C1DB00001476	IC, CHIP SET	1
IC 3	C1DB00001359	IC, CHIP SET	1
IC 4	C0JBZZ000327	IC, THERMAL SENSOR	1
IC 9	C0JBAZ002423	IC, CLOCK GENERATOR	1
IC 10 IC 13	C0DBZHG00043	IC, USB POWER CONTROL	2
IC 11	C1DB00001182	IC, LAN CONTROLLER	1
IC 12	C3EBCG000100	IC, EEPROM	1
IC 14	C1DB00001159	IC, PERIPHERAL LSI	1
IC 15 IC 16	C0EBE0000460	IC	3

IC 17			
IC 18	C2CBJA000003	IC, MICON	1
IC 19	C0CBCBC00137	IC, REGURATOR	1
IC 20 IC 33 IC 39 IC 44 IC 650	C0JBAA000347	IC, 1 GATE LOGIC	5
IC 21	C0JBAS000215	IC, GATE LOGIC	1
IC 23	DA2205IDBLET	IC, BIPOLAR LOGIC	1
IC 24 IC 28 IC 29	C0JBAS000218	IC, LOGIC	3
IC 26	C0ZBZ0000978	IC	1
IC 27	C0JBAB000619	IC, GATE LOGIC	1
IC 30	C3FBLC000040	IC, FLASH MEMORY	1
IC 31	C1CB00002268	IC, SECURITY CHIP	1
IC 32 IC 37	C0JBAC000338	IC, GATE LOGIC	2
IC 34 IC 36	C0JBAA000348	IC, 1 GATE LOGIC	2
IC 35 IC 41	C0JBAE000306	IC,	2
IC 38	C0JBAC000339	IC,	1
IC 42	C1DB00001179	IC, LSI	1
IC 43	C0EBH0000457	IC	1
IC 46	C0JBAA000362	IC, LOGIC	1
IC 60 IC 61 IC 62 IC 63 IC 64 IC 65 IC 66 IC 67	C3ABSG000029	IC, DDR2 SDRAM	8
IC 600	C0ABZA000047	IC, AMP	1
IC 601	C0ABBA000093	IC, OP AMP	1
IC 602	C0DBAFH00029	IC	1
IC 603	C0JBAD000182	IC, LOGIC	1
IC 604	C0JBAB000622	IC, 1 GATE LOGIC	1
IC 605	C0DBEFH00002	IC, REGURATOR	1
IC 607	C0EBE0000333	IC	1
IC 608	C0DBDJH00009	IC, LINEAR	1
IC 610 IC 611 IC 612	C0DBALH00003	IC	3
L 1 L 2	G1C100Z00013	INDUCTOR	2
L 3 L 4	G1C1R0Z00002	INDUCTOR	5

L 5 L 7 L 8			
L 6	G1C91NM00001	INDUCTOR	1
L 9	J0JJC0000015	INDUCTOR	1
L 10 L 11 L 25 L 26	J0MAB0000116	INDUCTOR	4
L 12 L 13 L 14 L 15	J0JHC0000074	INDUCTOR	4
L 16 L 17	J0MAB0000169	INDUCTOR	2
L 18 L 21 L 22 L 27 L 28	J0JDC0000045	INDUCTOR	5
L 600	DDAZS100MT3T	INDUCTOR	1
L 601	G1C100MA0106	INDUCTOR	1
L 602	G1C1R6Z00001	INDUCTOR	1
L 603 L 605	G1C4R7MA0106	INDUCTOR	2
L 604	G1C220MA0077	INDUCTOR	1
L 606	G1C4R7MA0022	INDUCTOR	1
L 607	G1A160H00001	INDUCTOR	1
PA 1	K5J1AB000001	POLY SW	1
Q 1 Q 4 Q 5 Q 11 Q 15 Q 35 Q 611 Q 627 Q 636 Q 641 Q 642 Q 643	UNR9214J0L	TRANSISTOR	12
Q 2 Q 3 Q 8 Q 14 Q 16 Q 19 Q 22 Q 24 Q 26	B1DHDC000028	TRANSISTOR	11

Q 31 Q 625			
Q 6 Q 7 Q 9 Q 10	B1MBBCA00003	TRANSISTOR	4
Q 12 Q 13	B1CFFB000001	TRANSISTOR	2
Q 17 Q 21 Q 25 Q 612 Q 617 Q 618 Q 619 Q 621 Q 623 Q 626	XP0421300L	TRANSISTOR	10
Q 23 Q 604	B1DHFD000015	TRANSISTOR	2
Q 28 Q 29 Q 30 Q 34 Q 607 Q 620	UNR9213J0L	TRANSISTOR	6
Q 32 Q 33	XP0411300L	TRANSISTOR	2
Q 600 Q 601 Q 602	XP0421400L	TRANSISTOR	3
Q 603 Q 606	B1CHRD000001	TRANSISTOR	2
Q 608 Q 634 Q 638	B1CFGD000003	TRANSISTOR	3
Q 609 Q 610 Q 633 Q 635	B1MBEDA00017	TRANSISTOR	4
Q 613	DETA144EETL	TRANSISTOR	1
Q 614 Q 616 Q 622	B1DHFB000003	TRANSISTOR	3
Q 615 Q 631 Q 639 Q 640	B1DBGD000006	TRANSISTOR	4
Q 628 Q 630	B1CFGD000004	TRANSISTOR	3

Q 644			
Q 629	XP0450100L	TRANSISTOR	1
Q 632	B1DFGD000032	TRANSISTOR	1
Q 637	B1MBEDA00018	TRANSISTOR	1
Q 645	B1MBEDA00008	TRANSISTOR	1
R 1 R 258	ERJ2GEJ681X	RESISTOR, 1/16W, 680Ω	2
R 2 R 15 R 16	ERJ2RKF27R4X	RESISTOR, 1/16W, 27.4Ω	3
R 4 R 17 R 18 R 35 R 36	ERJ2RKF54R9X	RESISTOR, 1/16W, 54.9Ω	5
R 5	ERJ2RKF39R2X	RESISTOR, 1/16W, 39.2Ω	1
R 6	ERJ2GEJ151X	RESISTOR, 1/16W, 150Ω	1
R 11 R 437 R 438	ERJ3GEY0R00V	RESISTOR, 1/16W, 0Ω	3
R 12 R 43	ERJ2RKF2000X	RESISTOR, 1/16W, 200Ω	2
R 13 R 14 R 27 R 29 R 31 R 32	ERJ2GEJ560X	RESISTOR, 1/16W, 56Ω	6
R 23 R 636 R 690 R 712 R 731	ERJ3GEYJ100V	RESISTOR, 1/16W, 10Ω	5
R 24 R 732	ERJ2RKF1001X	RESISTOR, 1/16W, 1KΩ	2
R 25	ERJ2RKF2001X	RESISTOR, 1/16W, 2KΩ	1
R 26 R 348 R 609 R 612 R 613 R 749	ERJ2GEJ562X	RESISTOR, 1/16W, 5.6KΩ	6
R 28	ERJ2GEJ750X	RESISTOR, 1/16W, 75Ω	1
R 33 R 39	ERJ2RKF2210X	RESISTOR, 1/16W, 221Ω	2
R 34 R 40 R 42	ERJ2RKF1000X	RESISTOR, 1/16W, 100Ω	3
R 37 R 38	ERJ2RKF24R9X	RESISTOR, 1/16W, 24.9Ω	4

R 62 R 231			
R 41 R 110 R 111 R 112 R 113 R 114 R 115 R 116 R 117 R 118 R 119 R 120 R 121 R 122 R 123 R 124 R 125 R 126 R 127 R 128 R 129 R 130 R 131 R 132 R 133 R 134 R 135 R 143 R 159 R 223 R 228 R 234 R 235 R 245 R 246 R 311 R 314 R 322 R 323 R 324 R 325 R 332 R 370 R 371 R 376 R 393 R 396 R 410	ERJ2GE0R00X	RESISTOR, 1/16W, 0Ω	60

R 427 R 428 R 443 R 455 R 475 R 604 R 700 R 702 R 703 R 706 R 722 R 753			
R 47 R 48	ERJ2RKF80R6X	RESISTOR, 1/16W, 80.6Ω	2
R 49 R 145 R 188 R 189 R 196 R 219 R 221 R 224 R 229 R 242 R 247 R 283 R 292 R 293 R 300 R 303 R 304 R 306 R 309 R 310 R 320 R 347 R 365 R 372 R 378 R 379 R 380 R 387 R 388 R 402 R 411 R 412 R 431 R 436 R 457 R 458	ERJ2GEJ103X	RESISTOR, 1/16W, 10KΩ	58

R 461 R 462 R 464 R 467 R 469 R 471 R 472 R 615 R 635 R 640 R 641 R 677 R 707 R 711 R 715 R 716 R 721 R 730 R 735 R 736 R 741 R 745			
R 50 R 51 R 294 R 295	ERJ2GEJ222X	RESISTOR, 1/16W, 2.2KΩ	4
R 52 R 202 R 225 R 227 R 241 R 307 R 330 R 331 R 344 R 354 R 397 R 398 R 399 R 429 R 430 R 602 R 603 R 657 R 658 R 659 R 662 R 663 R 664 R 665	ERJ2GEJ101X	RESISTOR, 1/16W, 100Ω	24

R 53 R 401 R 643	ERJ2RKF1002X	RESISTOR, 1/16W, 10KΩ	3
R 57	D1H82224A024	RESISTOR ARRAY	1
R 58	ERJ2RKF1501X	RESISTOR, 1/16W, 1.5KΩ	1
R 59 R 60	ERJ2GEJ390X	RESISTOR, 1/16W, 39Ω	2
R 61	ERJ2RKF2550X	RESISTOR, 1/16W, 255Ω	1
R 63 R 315 R 316 R 632 R 633 R 645 R 646 R 675 R 676 R 708 R 709 R 719 R 720 R 727 R 728 R 739 R 740	ERJ2GEJ100X	RESISTOR, 1/16W, 10Ω	17
R 64 R 66 R 68 R 70	ERJ2GEJ201X	RESISTOR, 1/16W, 200Ω	4
R 76 R 77 R 78 R 79 R 104 R 105 R 106 R 107	D1HG2208A001	RESISTOR ARRAY	8
R 80 R 81 R 82 R 83 R 84 R 85 R 86 R 87 R 88 R 89 R 90 R 91 R 92	ERJ2GEJ220X	RESISTOR, 1/16W, 22Ω	24

R 93 R 94 R 95 R 96 R 97 R 98 R 99 R 100 R 101 R 102 R 103			
R 108 R 109 R 136 R 137 R 138 R 139 R 140	D1HA56080001	RESISTOR ARRAY	7
R 147 R 148 R 166 R 169 R 273 R 280 R 321 R 335 R 366 R 381 R 382 R 451 R 459 R 460 R 686	ERJ2GEJ102X	RESISTOR, 1/16W, 1KΩ	15
R 149 R 173	ERJ2GEJ2R2X	RESISTOR, 1/16W, 2.2Ω	2
R 150 R 151 R 152 R 153 R 154 R 155 R 192 R 193 R 194 R 195 R 349 R 350 R 351 R 352 R 446	ERJ2RKF49R9X	RESISTOR, 1/16W, 49.9Ω	16

R 447			
R 163 R 164 R 165 R 175 R 176 R 177 R 178 R 179 R 180 R 182 R 183 R 184 R 185 R 186 R 187 R 190 R 191 R 218 R 269 R 270 R 271 R 272 R 274 R 275 R 373 R 374 R 474	ERJ2GEJ330X	RESISTOR, 1/16W, 33Ω	27
R 167	D1H83304A024	RESISTOR ARRAY	1
R 172	ERJ2RKF4750X	RESISTOR, 1/16W, 475Ω	1
R 174 R 248	ERJ2GEJ1R0X	RESISTOR, 1/16W, 1Ω	2
R 198 R 217 R 220 R 222 R 262 R 407 R 408 R 452 R 463	D1H81034A024	RESISTOR ARRAY	9
R 216 R 276 R 277 R 278 R 279 R 282 R 296 R 297 R 301	ERJ2GEJ104X	RESISTOR, 1/16W, 100KΩ	27

R 302 R 308 R 313 R 334 R 336 R 340 R 343 R 362 R 364 R 617 R 619 R 620 R 621 R 650 R 651 R 654 R 656 R 661			
R 230	ERJ2RKF22R6X	RESISTOR, 1/16W, 22.6Ω	1
R 232 R 259 R 260 R 261 R 369 R 383 R 384 R 385 R 386 R 389 R 390 R 391 R 403 R 404 R 405 R 406	DEARA8AJ103M	RESISTOR ARRAY	16
R 233 R 699 R 757	ERJ2GEJ472X	RESISTOR, 1/16W, 4.7KΩ	3
R 236	ERJ2GEJ203X	RESISTOR, 1/16W, 20KΩ	1
R 237	ERJ2GEJ106X	RESISTOR, 1/16W, 10MΩ	1
R 238 R 353 R 618 R 649 R 652 R 660 R 689 R 694	ERJ2GEJ105X	RESISTOR, 1/16W, 1MΩ	8
R 249 R 250	ERJ2GEJ121X	RESISTOR, 1/16W, 120Ω	2

R 266 R 267 R 268 R 449 R 616 R 630 R 670 R 698	ERJ2GEJ473X	RESISTOR, 1/16W, 47KΩ	8
R 284	ERJ2GEJ181X	RESISTOR, 1/16W, 180Ω	1
R 285 R 286 R 287 R 288 R 290 R 291 R 799	ERJ2GEJ221X	RESISTOR, 1/16W, 220Ω	7
R 289	ERJ2GEJ471X	RESISTOR, 1/16W, 470Ω	1
R 338	ERJ2GEJ334X	RESISTOR, 1/16W, 330KΩ	1
R 346	ERJ2RHD562X	RESISTOR, 1/16W, 5.6KΩ	1
R 355	EXBV8V750JV	RESISTOR ARRAY	1
R 356 R 357 R 358 R 359 R 666	ERJ2GEJ223X	RESISTOR, 1/16W, 22KΩ	5
R 367 R 368	D1H81024A024	RESISTOR ARRAY	2
R 395	ERJ2RKF5602X	RESISTOR, 1/16W, 56KΩ	1
R 400	ERJ2RKF3901X	RESISTOR, 1/16W, 3.9KΩ	1
R 423 R 634 R 710 R 729	ERJ2GEJ153X	RESISTOR, 1/16W, 15KΩ	4
R 601 R 701	D1ZZ00000046	RESISTOR, 1W, 5mΩ	2
R 605 R 608	ERJ2RHD103X	RESISTOR, 1/16W, 10KΩ	2
R 606 R 611 R 638 R 679 R 688	ERJ2RKF1003X	RESISTOR, 1/16W, 100KΩ	5
R 607 R 610 R 750	ERJ2RKF1503X	RESISTOR, 1/16W, 150KΩ	3
R 614	ERJ3GEYJ3R3V	RESISTOR, 1/16W, 3.3Ω	1
R 622 R 623	D1BDR1000002	RESISTOR, 1/8W, 0.1Ω	2
R 624	D1BDR2700001	RESISTOR, 1/8W, 0.27Ω	1
R 625	ERJ2RKF1102X	RESISTOR, 1/16W, 11KΩ	1

R 627 R 682	ERJ2RKF1302X	RESISTOR, 1/16W, 13KΩ	2
R 628 R 629 R 704 R 705 R 726 R 743	D1BDR0220001	RESISTOR, 1/8W, 0.022Ω	6
R 631 R 747 R 797	ERJ2GEJ474X	RESISTOR, 1/16W, 470KΩ	3
R 637	ERJ2RHD752X	RESISTOR, 1/16W, 7.5KΩ	1
R 639 R 733	ERJ2RKF2002X	RESISTOR, 1/16W, 20KΩ	2
R 642	ERJ2RKF3002X	RESISTOR, 1/16W, 30KΩ	1
R 644	ERJ2RHD102X	RESISTOR, 1/16W, 1KΩ	1
R 647 R 648 R 725 R 742 R 744 R 758	D1BDR0330001	RESISTOR, 1/8W, 0.033Ω	6
R 653	ERJ2GEJ684X	RESISTOR, 1/16W, 680KΩ	1
R 655	ERJ2GEJ225X	RESISTOR, 1/16W, 2.2MΩ	1
R 667	ERJ6GEYJ561V	RESISTOR, 1/10W, 560Ω	1
R 668 R 669	ERJ6GEYJ222V	RESISTOR, 1/10W, 2.2KΩ	2
R 673 R 681	ERJ2RKF1004X	RESISTOR, 1/16W, 1MΩ	2
R 674	ERJ2RHD223X	RESISTOR, 1/16W, 22KΩ	1
R 678	ERJ2RHD333X	RESISTOR, 1/16W, 33KΩ	1
R 680 R 693 R 717	ERJ2RKF5102X	RESISTOR, 1/16W, 51KΩ	3
R 684 R 738	ERJ2RHD123X	RESISTOR, 1/16W, 12KΩ	2
R 685	ERJ2RHD222X	RESISTOR, 1/16W, 2.2KΩ	1
R 687	ERJ2RHD132X	RESISTOR, 1/16W, 1.3KΩ	1
R 691	ERJ2GEJ302X	RESISTOR, 1/16W, 3KΩ	1
R 692 R 695	ERJ2GEJ154X	RESISTOR, 1/16W, 150KΩ	2
R 696	ERJ3GEYJ1R0V	RESISTOR, 1/16W, 1.0Ω	1
R 713	ERJ2RKF4701X	RESISTOR, 1/16W, 4.7KΩ	1
R 714 R 737	ERJ2RKF1502X	RESISTOR, 1/16W, 15KΩ	2
R 718 R 734	ERJ2RKF2402X	RESISTOR, 1/16W, 24KΩ	2
R 723	D1BDR0470002	RESISTOR, 1/8W, 0.047Ω	1
R 746	ERJ2RHD104X	RESISTOR, 1/16W, 100KΩ	1
R 748	ERJ2RHD3652X	RESISTOR, 1/16W, 36.5KΩ	1

R 751 R 752	ERJ2RHD302X	RESISTOR, 1/16W, 3KΩ	2
R 754 R 755	ERA3YKB104V	RESISTOR, 1/16W, 100KΩ	2
R 756	ERA3YEB333V	RESISTOR, 1/16W, 33KΩ	1
SW 1	K0D112A00096	SW	1
T 1	G5BYC0000010	TRANCE	1
X 1	H0J143500040	OSCILLATOR, 14.318MHz	1
X 2	H0J327200115	OSCILLATOR, 32.768KHz	1
X 4	H0J250500025	OSCILLATOR, 25MHz	1
X 5	H2D800400015	OSCILLATOR, 8MHz	1
AUDIO PCB			
C 900	F1G1H120A542	CAPACITOR, 50V, 12pF	1
C 901	F1G1H150A542	CAPACITOR, 50V, 15pF	1
C 902 C 905 C 907 C 909 C 921 C 923 C 926	F1G1C104A042	CAPACITOR, 16V, 0.1µF	7
C 903 C 914 C 922 C 924	F1J0J106A024	CAPACITOR, 6.3V, 10µF	4
C 904 C 908 C 941 C 942	F1G1H102A496	CAPACITOR, 50V, 1000pF	4
C 906 C 916 C 918	F1G1E103A062	CAPACITOR, 25V, 0.01µF	3
C 910 C 912 C 915 C 917 C 925 C 927 C 928 C 932 C 934	F1G0J224A001	CAPACITOR, 6.3V, 0.22µF	9
C 913 C 919 C 920 C 933	F1H1A1050015	CAPACITOR, 10V, 1µF	4
C 929 C 935	F1G1H1010005	CAPACITOR, 50V, 100pF	2
C 930	F1G1H471A496	CAPACITOR, 50V, 470pF	1
C 936 C 939	EEFCD0J470ER	CAPACITOR, 6.3V, 47µF	3

C 940			
C 937	F1H0J1050022	CAPACITOR, 6.3V, 1µF	1
CN 900	K1MN10BA0070	CONNECTOR	1
CN 901	K1MY40BA0098	CONNECTOR	1
D 900	B0JCMD000014	DIODE	1
IC 900	C1BB00000868	IC, AC97 CODEC	1
IC 901	C0CBCBC00130	IC, REGURATOR	1
IC 902	C1BB00000873	IC, AUDIO AMP	1
IC 903	C0ABBA000093	IC, OP AMP	1
JK 901 JK 902	K2HC103B0197	JK	2
L 900 L 901	J0JDC0000045	INDUCTOR	2
L 902 L 903	J0MAB0000174	INDUCTOR	2
Q 900	UNR9211J0L	TRANSISTOR	1
Q 901	XP0421300L	TRANSISTOR	1
R 900 R 901	ERJ2GEJ220X	RESISTOR, 1/16W, 22Ω	2
R 903	ERJ2GEJ101X	RESISTOR, 1/16W, 100Ω	1
R 905	ERJ2GEJ330X	RESISTOR, 1/16W, 33Ω	1
R 909 R 910 R 915 R 918 R 926 R 932 R 933 R 934 R 936	ERJ2GEJ103X	RESISTOR, 1/16W, 1KΩ	9
R 911 R 916 R 925	ERJ2GEJ473X	RESISTOR, 1/16W, 47KΩ	3
R 914 R 939	ERJ2GEJ472X	RESISTOR, 1/16W, 4.7KΩ	2
R 919 R 920 R 930	ERJ2GEJ273X	RESISTOR, 1/16W, 27KΩ	3
R 921	ERJ2GEJ471X	RESISTOR, 1/16W, 470Ω	1
R 922 R 923	ERJ2GEJ222X	RESISTOR, 1/16W, 2.2KΩ	2
R 924	ERJ2GEJ683X	RESISTOR, 1/16W, 68KΩ	1
R 927 R 931	ERJ2GEJ104X	RESISTOR, 1/16W, 100KΩ	2
R 928 R 929	ERJ2RKF1002X	RESISTOR, 1/16W, 10KΩ	2
R 935	ERJ2RKF223X	RESISTOR, 1/16W, 22KΩ	1
R 937 R 938	ERJ2GEJ102X	RESISTOR, 1/16W, 1KΩ	2
R 940	D1H81034A024	RESISTOR, ARRAY	1

X 900	H0J245500044	OSCILLATOR, 24.576MHz	1
I/O PCB			
C 880	F1H1H104A748	CAPACITOR, 50V, 0.1µF	1
C 883	F1L1E106A017	CAPACITOR, 25V, 10µF	1
C 884 C 885 C 886 C 887 C 888 C 889 C 890	F1G1H330A542	CAPACITOR, 50V, 33pF	7
C 891	F1G1C104A042	CAPACITOR, 16V, 0.1µF	1
C 892 C 893	EZASCE101M	CAPACITOR ARRAY	2
CN 880	K1MN24AA0018	CONNECTOR	1
CN 881	K1FA209BA004	CONNECTOR	1
CN 882	K1FB115BA014	CONNECTOR	1
CN 883	DFJS830YA	CONNECTOR	1
D 880	B0JCPD000023	DIODE	1
D 881	MA2J72900L	DIODE	1
JK 880	K2EZ2B000046	JK	1
L 880	J0JKC0000007	INDUCTOR	1
L 881 L 882 L 883 L 884 L 885 L 886 L 887	J0JCC0000186	INDUCTOR	7
PA 880	K5J1BB000001	POLY SW	1
R 800	ERJ2RKF1102X	RESISTOR, 1/16W, 11KΩ	1
R 881	D1BDR4700001	RESISTOR, 1/8W, 0.47Ω	1
R 882 R 883 R 884	ERJ2RKF75R0X	RESISTOR, 1/16W, 75Ω	3
R 885 R 886	ERJ2GEJ222X	RESISTOR, 1/16W, 2.2KΩ	2
PAD PCB			
C 800 C 801	F1G1H681A450	CAPACITOR, 50V, 680pF	2
C 802	F1G1E103A062	CAPACITOR, 25V, 0.01µF	1
C 803 C 804	F1G1C104A042	CAPACITOR, 16V, 0.1µF	2
C 805	F1J0J1060004	CAPACITOR, 6.3V, 10µF	1
CN 800	K1MY04BA0104	CONNECTOR	1
CN 801	K1MN08AA0068	CONNECTOR	1
CN 802	K1MN13AA0018	CONNECTOR	1
IC 800	C0EBH0000457	IC	1
IC 801	C1DB00001417	IC, FLAT PAD CONTROLLER	1
Q 800	B1GKCFJN0004	TRANSISTOR	2

Q 801			
R 800	ERJ2GEJ273X	RESISTOR, 1/16W, 27KΩ	1
R 801 R 802	ERJ2GEJ822X	RESISTOR, 1/16W, 8.2KΩ	2
R 803	ERJ2GEJ105X	RESISTOR, 1/16W, 1MΩ	1
R 804 R 805	ERJ2GEJ103X	RESISTOR, 1/16W, 10KΩ	2
RA 800	D1H81034A024	RESISTOR ARRAY	1
SW 800 SW 801	K0ZZ00000618	SW	2
SW 802 SW 803	EVQPLDA15	SW	2
X 800	H2D400400012	OSCILLATOR, 4MHz	1
SWITCH PCB			
CN 950	K1MN08AA0068	CONNECTOR	1
LD 951	B3ACB0000105	LED	1
R 951	ERJ2GEJ221X	RESISTOR, 1/16W, 220Ω	1
SW 950 SW 951 SW 952 SW 953 SW 954 SW 955	EVQPLDA15	SW	6
LED PCB			
CN 841	K1MN10AA0058	CONNECTOR	1
LD 840	B3AGB0000040	LED	1
LD 841 LD 842 LD 843 LD 844 LD 845	B3ABB0000210	LED	5
LD 846	B3ADB0000065	LED	1
PORT PCB			
C 851 C 852 C 854	F1J1A1050021	CAPACITOR, 10V, 1μF	3
C 855 C 856 C 857	J0MAB0000146	INDUCTOR	3
CA 851 CA 852 CA 854 CA 857 CA 858 CA 859	J0HABC000004	CAPACITOR ARRAY	6
CN 850	K1KBA0A00102	CONNECTOR	1
CN 851	K1KAA0AA0244	CONNECTOR	1
L 850	J0MAB0000116	INDUCTOR	1
L 852 L 853	DDB5Z031J-L	INDUCTOR	2

TS PS2 PCB			
C 900 C 907 C 908 C 909	F1G1C104A042	CAPACITOR, 16V, 0.1µF	4
C 901 C 905 C 913	F1G1E472A062	CAPACITOR, 25V, 4700pF	3
C 902	F1G1E103A062	CAPACITOR, 25V, 0.01µF	1
C 903 C 906	F1G1H681A450	CAPACITOR, 50V, 680pF	2
C 910 C 912	F1G1H560A451	CAPACITOR, 50V, 56pF	2
C 911	F1J1A1050021	CAPACITOR, 10V, 1µF	1
CN 900	K1MN04B00073	CONNECTOR	1
CN 901	K1KA07BA0014	CONNECTOR	1
IC 900	C0EBH0000457	IC	1
IC 901	C1DB00001351	IC	1
Q 900 Q 902	XP0431200L	TRANSISTOR	2
Q 901	UNR9113J0L	TRANSISTOR	1
R 900 R 903	ERJ2GEJ102X	RESISTOR, 1/16W, 1KΩ	2
R 901 R 904	ERJ2GEJ822X	RESISTOR, 1/16W, 8.2KΩ	2
R 902	ERJ2GEJ303X	RESISTOR, 1/16W, 30KΩ	1
R 905 R 906	ERJ2GE0R00X	RESISTOR, 1/16W, 0Ω	2
R 908 R 909	ERJ2GEJ103X	RESISTOR, 1/16W, 10KΩ	2
X 900	H2D100500002	OSCILLATOR, 10MHz	1
SD PCB			
C 891	F1G1H330A451	CAPACITOR, 50V, 33pF	1
CN 890	K1NA09E00076	CONNECTOR	1
CN 891	K1MN12BA0059	CONNECTOR	1
D 890	B3ACB0000020	DIODE	1
Q 890	UNR9113J0L	TRANSISTOR	1
R 890	ERJ6GEYJ101V	RESISTOR, 1/10W, 100Ω	1
R 891	ERJ2GE0R00X	RESISTOR, 1/16W, 0Ω	1
R 892	ERJ2GEJ103X	RESISTOR, 1/16W, 1KΩ	1

ORDER NO. CPD0603042PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18FCAZxxM	E34	N2ABZJ000068	N2ABZY000003	4,A	KEYBOARD,BACKLIT	1
CF-18FJAZxxM						
CF-18FJHZxxM						
CF-18KCQZXVM						
CF-18KJQZXBM						
CF-18LCHZXVM						
CF-18LJHZXBM						
CF-18LJQZxxM						
CF-18(B,D)xxx	IC51	C0DBAFH00011	C0DBAFH00028	4,A	IC	1
CF-18(B,D)xxx	IC52	C0DBAFH00023	C0DBAFH00030	4,A	IC	1

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ORDER NO. CPD0603006PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18KDH76VA	A2 ⚠	----------	K2CK3DR00002	5,C	AC CABLE	0→1
	K230	DFHR3C45ZA-0	DFHR3472ZA-0	4,C	COCA AUST BADGE	1
CF-18(KH,KL)xxx	K83-7	----------	DFHR3480ZA	5,C	SHEET,PLASTIC	0→1
CF-18(LH,LJ)xxx						
CF-18(B,D,F)xxx	K100	DFHR6076YA	DFHR6076XA	4,A	GPRS BOTTOM SHEET	1
	K97	DFHR6077YA	DFHR6077XA	4,A	CPRS UPPER SHEET	1
CF-18(B,D)xxx	IC45	C0DBAFH00022	C0DBAFH00029	4,A	IC	1
CF-18Bxxxxxx	IC55	C0DBAHH00009	C0DBAHH00028	4,A	IC	1

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Parts Change Notice

Model No. CF-18 Series

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If new part numbers are shown, be sure to use then ordering parts.

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1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18DDAZXMx	K200-1	DFKF9017XA-0	DFKF9017XB-0	2,B	LCD FRONT CASE ASS'Y	1
CF-18DGAZXMM						
CF-18BHxxxxx	K200-1	DFKF9017ZA-0	DFKF9017WC-0	2,B	FRONT CASE ASS'Y	1
CF-18DHAxxx						
CF-18DLAZXKx						
CF-18DMAZXKx						
CF-18DNAZXKM						
CF-18BEL01ME	K201-1	DFKM9026ZA-1	DFKM9026ZB-1	2,B	REAR CASE ASS'Y	1
CF-18DLAZXKx						
CF-18(K,L)xxx	E28 ⚠	N0GB1J000014	N0GB1J000018	3,C	INVERTER	1

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ORDER NO. CPD0602051PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
A	Original New	⤫	Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New	↗	Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New	↗	Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New	→	Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18(B,D)xxx	K83-2	DFKE9053XE-0	DFKE9053WA-0	4,B	BATT LID ASS'Y	1
	K83-3	DFKE9054XE-0	DFKE9054VA-0	4,B	HDD LID ASS'Y	1
	CN8	K1KA20A00228	K1KA20AA0261	4,B	CONNECTOR	1
CF-18DHB44K3	K83-3	DFKE9054XF-0	DFKE9054VA-0	4,B	HDD LID ASS'Y	1
CF-18(B,D)xxx	K83-3-4	DFHM0285XB	DFHM0285XC	4,B	LID LATCH PLATE	1
	K83-4	DFKE9066YD-0	DFKE9066XA-0	4,B	PCMCIA LID ASS'Y	1
CF-18DHB44K3	K83-4	DFKE9066YE-0	DFKE9066XA-0	4,B	PCMCIA LID ASS'Y	1
CF-18KHH22Bx CF-18KHHZXBx	K504	DFQT6255ZA	----------	6,C	LABEL,GPRS	1→0
CF-18KHH22Bx CF-18KHHZXBx	K505	DFQT6311ZA	----------	6,C	LABEL,FCC ID	1→0

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Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	1.item *1 to *2 on the below list should be changed simultaneously.
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18(B,D)xxx	K406	DXSB2+5FZL	DRSB2+5FKL	4,B	SCREW	16
		DXHM0061ZA	DRHM0061ZA	4,B	SCREW	13
CF-18(K,L)xxx	K691	DFHE0416ZA *1	----------	2,C	TAPE,DIMM HOLDER	2→0
	K700	DFHR6217ZA *2	DFHR6220ZA	2,C	PLATE,DIMM HOLD	1
CF-18BDK01ME	JK1	K2HD106B0001	K2HD106B0004	4,B	JK,	1
CF-18BEK01ME						
CF-18BEL01ME						
CF-18(B,D,F,G)xxx	K81	DFKE9065XA-0	DFKE9065WA-0	2,C	PALM REST ASS'Y	1
CF-18(H,K,L)xxx						
CF-18BDK01ME	E34	N2ABAJ000004	N2ABAJ000002	4,B	KEYBOARD,UK	1
CF-18BEK01ME						
CF-18BEL01ME						
CF-18BHKZXDE						

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Parts Change Notice

Model No. CF-18 Series

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If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
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D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions		Q'TY
CF-18FHD57BM	E1	DL3U11425BAA	DL3U11425BAB	4,B	PCB,MAIN	RTL	1
CF-18FHHxxxx							
CF-18FHJFBBG							
CF-18FJHZxxx							
CF-18FLHZXBx							
CF-18GHHZXBM							
CF-18GHQZXBM							
CF-18FCAZxxx	E1	DL3U11425CAA	DL3U11425CAB	4,B	PCB,MAIN	RTL	1
CF-18FD1ZXVM							
CF-18FDAxxxx							
CF-18GDAZXVM							
CF-18HDAZXVM							

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PCN-18-50

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ORDER NO. CPD0601020PE

Parts Change Notice

Model No. CF-18 Series

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If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
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D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18Bxxxxxx	D5,6	B0KB00000035	B0KB00000044	4,B	DIODE	2
CF-18DHB44K34	K83-1	DFKE9052YE	DFKE9073YA-0	4,B	TABLET LACH ASS'Y	1
CF-18(F,G,H)xxx						
CF-18(B,D)xxx	E28 ⚠	N0GB1J000004	N0GB1J000007	4,B	INVERTER	1
CF-18(K,L)xxx	CN890	K1NA09E00027	K1NA09E00076	4,B	CONNECTOR	1
CF-18Dxxxxxx	K83	DFKM9028ZA-0	DFKM9028ZC-0	4,B	TOP CASE ASS'Y	1

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Parts Change Notice

Model No. CF-18 Series

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Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18BHAZXxx	K201-1	DFKM9026ZA-0	DFKM9026ZB-0	4,B	REAR CASE ASS'Y	1
CF-18BHB15K3						
CF-18BHKZXxx						
CF-18DDAZXxx						
CF-18DGAZXMM						
CF-18DHxxxx						
CF-18DMAZXKx						
CF-18DNAZXKM						
CF-18KHHZXBR	P1	DFPK1147UA	DFPK1147TA	4,B	CASE,PACKING	1
CF-18Kxxxxx	P1	DFPK1147WA	DFPK1147QA	4,B	CASE,PACKING	1
CF-18LJHZXBM						
CF-18(B,D)xxx	Q77,79	B1DHGC000005	B1DHGC000008	4,B	TRANSISTOR	4
	Q80,81					
CF-18(B,D)xxx	E29	DFJS823WA	DFJS823YA	7,C	CABLE,LCD	1

File this Parts Change Notice with your copy of the Service Manual.

Panasonic®

ORDER NO. CPD0512003PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18Bxxxxxx	K80	DFKE9055ZA-0	DFKE9055YC-0	4,B	DIMM LID	1
	K55	DFHR3613YA	DFHP7106YA	4,B	KBD TAPE	4
CF-18Dxxxxxx	K80	DFKE9055YA-0	DFKE9055YC-0	4,B	DIMM LID ASS'Y	1
CF-18(B,D)xxx	E29	DFJS823YA	DFJS823WA	4,B	CABLE,LCD	1
CF-18FHAZXBR	CN6,7	K1FB104B0048	K1FB104B0055	4,B	CONNECTOR,USB PORT	2
CF-18(F,G,H)xx	K80	DFKE9055XA-0	DFKE9055XB-0	4,B	DIMM LID ASS'Y	1
	K201-5	DFHR3566YA	DFHR3566YA	6,C	LCD REAR CUSHION F	3→1
		----------	DFHG1794ZA	5,C	LCD REAR CUSHION H	0→1
		----------	DFHG1795ZA	5,C	LCD REAR CUSHION I	0→1
CF-18KHH64BE	A31	UJDB763X-PD	UJDB763X-PD1	4,B	COMBO DRIVE	1
CF-18(B,D,F,G,H)xx	K79	DFHR9080ZA	DFHR6198ZA	4,B	PEN(DG)	1
CF-18(B,D,F,K)xxx	K94	DFHM0279ZA	DFHM0279YA	2,B	GPS PLATE	1

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Panasonic®

ORDER NO. CPD0511048PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18DHA37KA	E200	DL3UP1304AAA	DL3UP1304BAA	1,C	PCB,GPS RTL	1
CF-18FCxxxxxx						
CF-18FDxxxxx						
CF-18FHxxxxx						
CF-18FJxxxxx						
CF-18BHK02KG	K200	DFWV80A0328	DFWV99B0112	8,C	LCD FRONT/REAR CABINET ASS'Y	1
	K201	DFWV80C0462	DFWV99B0112	8,C	LCD FRONT/REAR CABINET ASS'Y	1

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PCN-18-46

Panasonic®

ORDER NO. CPD0511006PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18(B,D,F,G,H)xx	A1 ⚠	CF-AA1623AM4	CF-AA1623AM6	4,B	AC ADAPTOR	1
	IC22,40	C0DBZHG00004	C0DBZHG00043	4,B	USB POWER CONTROL	2
CF-18Dxxxxxx	IC18,23	C0JBAA000261	C0JBAA000344	4,B	IC	2
CF-18Kxxxxxx	A1 ⚠	CF-AA1623AM5	CF-AA1623AM6	4,B	AC ADAPTOR	1
	K31	DFHR3262ZA	DFHR3262ZA	5,C	MODEM TAPE	1→2
	K43	DFHR3B11ZA	DFHR3B11YA	2,C	SHEET,PCMCIA	1
CF-18KHH64BE	K83	DFKM9033WB-0	DFKM9033WD-0	4,B	TOP CASE ASS'Y	1
	K83-1	DFKE9073ZA-0	DFKE9073YA-0	4,B	TABLET LATCH ASS'Y	1
	K83	DFKM9033VB-0	DFKM9033VD-0	4,B	TOP CASE ASS'Y	1
	K83-1	DFKE9073ZA-1	DFKE9073YA-1	4,B	TABLET LATCH ASS'Y	1
CF-18(B,D)xxx	Q8,11,12, 14,20,21 28,41,46 95	B1DHDC000021	B1DHDC000028	4,B	TRANSISTOR	10
CF-18Bxxxxx	E35	N5HAZ0000006	N5HAZ0000008	4,B	MDC MODEM	1

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ORDER NO. CPD0511005PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18DHDZXKM		----------	DFMX1207ZA	5,C	HEATER INSULATION SHEET	0→1
CF-18DHA37KA						
CF-18FCAZxxx						
CF-18FDAZxxx						
CF-18FHA61BA						
CF-18FHAZxxx						
CF-18FHHFCLS						
CF-18FHHZxxx						
CF-18FJAZxxx						
CF-18FJHZxxx						

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Panasonic®

ORDER NO. CPD0511004PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18DHDZXKM	K1-1	L9DZAA000003	L9DZAA000004	8,C	HEATER	1
CF-18DHA37KA						
CF-18FCAZxxx						
CF-18FDAZxxx						
CF-18FHA61BA						
CF-18FHAZxxx						
CF-18FHHFCLS						
CF-18FHHZxxx						
CF-18FJAZxxx						
CF-18FJHZxxx						

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ORDER NO. CPD0511003PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18DHDZXKM	K1	DFWV99A0081	DFWV99A0101	8,C	HDD MOUNTING KIT	1
CF-18DHA37KA	K1	DFWV99A0082	DFWV99A0102	8,C	HDD MOUNTING KIT	1
CF-18FCAZxxx	K1	DFWV99A0089	DFWV99A0103	8,C	HDD MOUNTING KIT	1
CF-18FDAZxxx						
CF-18FHA61BA						
CF-18FHAZxxx						
CF-18FHHFCLS						
CF-18FHHZxxx						
CF-18FJAZxxx						
CF-18FJHZxxx						

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Panasonic®

ORDER NO. CPD0510043PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18DDAZXMx	K1-14	----------	DFHR3A10ZA	5,C	HDD SPACER C	0→1
CF-18DHA43KM						
CF-18DHAZXKx						
CF-18DHB22KA						
CF-18DHNZXKM						
CF-18DLAZXKx						
CF-18DMAZXKx						
CF-18DNAZXKM						
CF-18Dxxxxxx	E36	N5HZC0000008	N5HZC0000013	4,B	WIRELESS MODULE MODULE/MC45	1
CF-18HDAZXBM						
CF-18HHAZXBM						

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Panasonic®

ORDER NO. CPD0510042PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18Bxxxxx		----------	DFMX1207ZA	5,C	HEATER INSULATION SHEET	0→1
CF-18DDAZXMx		----------	DFMX1207ZA	5,C	HEATER INSULATION SHEET	0→1
CF-18DHA43KM						
CF-18DHAZXKx						
CF-18DHB22KA						
CF-18DHNZXKM						
CF-18DLAZXKx						
CF-18DMAZXKx						
CF-18DNAZXKM						
CF-18DHAFxxx		----------	DFMX1207ZA	5,C	HEATER INSULATION SHEET	0→1
CF-18DHAZBKx						
CF-18DHB44K3						
CF-18(F,G,K)xxx		----------	DFMX1207ZA	5,C	HEATER INSULATION SHEET	0→1
CF-18HDAZXVM						
CF-18HHAZXBM						

File this Parts Change Notice with your copy of the Service Manual.

Panasonic®

ORDER NO. CPD0510041PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18Bxxxxx	K1-1	L9DZAA000003	L9DZAA000004	8,C	HEATER	1
CF-18DDAZXMx	K1-1	L9DZAA000003	L9DZAA000004	8,C	HEATER	1
CF-18DHA43KM						
CF-18DHAZXKx						
CF-18DHB22KA						
CF-18DHNZXKM						
CF-18DLAZXKx						
CF-18DMAZXKx						
CF-18DNAZXKM						
CF-18DHAFxxx	K1-1	L9DZAA000003	L9DZAA000004	8,C	HEATER	1
CF-18DHAZBKx						
CF-18DHB44K3						
CF-18(F,G,K)xx	K1-1	L9DZAA000003	L9DZAA000004	8,C	HEATER	1
CF-18HDAZXVM						
CF-18HHAZXBM						

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Panasonic®

ORDER NO. CPD0510040PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18Bxxxxx	K1	DFWV99A0068	DFWV99A0092	8,C	HDD MOUNTING KIT	1
CF-18DDAZXMx	K1	DFWV99A0076	DFWV99A0093	8,C	HDD MOUNTING KIT	1
CF-18DHA43KM						
CF-18DHAZXKx						
CF-18DHB22KA						
CF-18DHNZXKM						
CF-18DLAZXKx						
CF-18DMAZXKx						
CF-18DNAZXKM						
CF-18DHAFxxx	K1	DFWV99A0083	DFWV99A0093	8,C	HDD MOUNTING KIT	1
CF-18DHAZBKx						
CF-18DHB44K3						
CF-18(F,G,K)xx	K1	DFWV99A0084	DFWV99A0094	8,C	HDD MOUNTING KIT	1
CF-18HDAZXVM						
CF-18HHAZXBM						

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Panasonic®

ORDER NO. CPD0510035PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	1.When change item *1 on the below list item *2 should changed simultaneously.
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18DHA37KA	K97	DFMY0341ZA *1	DFMY0341YA	2,C	CDMA HEAT RUBBER	1
CF-18DHB22KA						
CF-18FDHEXVx						
CF-18FHA61BA						
CF-18FHB22BA						
CF-18FHHExxx						
CF-18KHH64BE						
CF-18KHHEBBx						
CF-18DHA37KA		----------*2	DFHR6077XA	5,C	GPRS UPPER SHEET	0→1
CF-18DHB22KA						
CF-18FDHEXVx						
CF-18FHA61BA						
CF-18FHB22BA						
CF-18FHHExxx						
CF-18KHH64BE						
CF-18KHHEBBx						

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Panasonic®

ORDER NO. CPD0510016PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18BDAZXMx	K221	DFMC0780ZA	DFMC0808ZA	4,B	INVERTER,SHIELD	1
CF-18BDKxxxx						
CF-18BE(K,L)01ME						
CF-18Bxxxxxx	KA34-2	DFHR3809ZA	DFHR3809ZB	4,B	GPS HOLE SHEET B	1
	IC700	C1BB00000773	C1BB00000977	4,B	IC,	1
CF-18(B,D)xxx	D37.48	DEDF1J3ETP	B0JCPD000023	4,B	DIODE	2
	CN4	K1NAF0D00002	K1NAF0D00003	4,B	CONNECTOR	1
CF-18(B,D,F,G,H)xx	P3	DFPE0733ZA	DFPE0733YA	4,B	ACCESSORIES BOX	1
	K215	DFHR6105ZB-1	DFHR6193YA-1	1,C	ANTENNA COVER	2
CF-18(F,G,H)xxx	IC1	C2GBC0000228	C2GBC0000272	8,C	IC,CPU	1

File this Parts Change Notice with your copy of the Service Manual.

Panasonic®

ORDER NO. CPD0509039PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18FDHExxxx CF-18FDHFxxxx CF-18FDHZBxxx CF-18FDHZXxxx CF-18FHHxxxx CF-18FLHxxxx	K87 ⚠	DFGT1052ZA	DFGT1052YA	4,B	RATED LABEL(Z)	1

File this Parts Change Notice with your copy of the Service Manual.

Panasonic®

ORDER NO. CPD0509037PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18Bxxxxx CF-18Dxxxxx	K82	DFKM9021VB-0	DFKM9021WC-0	7,C	BOTTOM CASE ASS'Y	1

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PCN-18-34

Panasonic®

ORDER NO. CPD0509032PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18DHAxxxx CF-18DHNZXKM	E5	DL3U21278AAA	DL3U21412AAA	7,C	PCB,SWITH RTL	1
CF-18DDAZXMx CF-18DGAZXMM	E5	DL3U21278CAA	DL3U21412CAA	7,C	PCB,SWITH RTL	1

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Panasonic®

ORDER NO. CPD0509022PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code **The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.

	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18FCAZxxx	E36	N5HZC0000009	N5HZC0000014	4,C	WIRELESS LAN MODULE	1
CF-18FDAZxxx						
CF-18FDHZXVM						
CF-18FDNZXVM						
CF-18FH1ZXBM						
CF-18FHA43BM						
CF-18FHA49BM						
CF-18FHA61BA						
CF-18FHAZxxx						
CF-18FHB22BA						
CF-18FHHZxxx						
CF-18FHNZXBM						
CF-18FHQZXBM						
CF-18FJAZxxx						
CF-18FJHZxxx						

File this Parts Change Notice with your copy of the Service Manual.

Panasonic®

ORDER NO. CPD0509016PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code **The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.

	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18(B,D)xxx	E29	DFJS824YA	DFJS824WA	4,B	CABLE,LCD	1
CF-18Bxxxxxx	K34	DFHR3442ZA	DFWV65C0320	4,C	GPS HOLE SHHET	
CF-18BDAZXMx	E151	DFJS877ZA	DFJS877YA	4,B	CABLE,ANTENNA	1
CF-18BHAZxxx						1
CF-18BHB15K3						
CF-18DDAZXMx						
CF-18DGAZXMM						
CF-18DHxxxxx						
CF-18DLAZXKx						
CF-18DMAZXKx						
CF-18DNAZXKM						
CF-18(B,D,F,G)xx	CN6.7	K1FB104B0039	K1FB104B0055	4,B	CONNECTOR	2
CF-18HDAZXVM						

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Panasonic®

ORDER NO. CPD0508010PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18Bxxxxx CF-18Dxxxxx	E42	K1YYZZ000044	K1YYZZ000058	4,B	PCMCIA EJECTOR	1

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Panasonic®

ORDER NO. CPD0507070PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18BEK01ME CF-18BHAxxxx CF-18BHB15K3 CF-18BHKxxxx	K202	DFBH3029XA-0	DFBH3029WB-0	1,C	LCD HINGE	1

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Panasonic®

ORDER NO. CPD0507051PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18(B,D)xxx	IC2	C1DB00001040	C1DB00001336	4,B	IC,CHIPSET	1
	IC20	C1DB00001002	C1DB00001337	4,B	IC,CHIPSET	1
CF-18(B,D)xxx	K200-1-8	DFHR6051ZD	DFHR6051ZE	4,B	PEN HOLDER	1
CF-18(F,G,H)xxx						
CF-18FCxxxxx	K200-1	DFKF9017UB-0	DFKF9017UC-0	4,B	FRONT CASE ASS'Y	1
CF-18FDxxxxx						
CF-18GDxxxxx						
CF-18HDAZXVM						
CF-18FHxxxxx	K200-1	DFKF9017WB-0	DFKF9017WC-0	4,B	FRONT CASE ASS'Y	1
CF-18FJxxxxx						
CF-18FLHxxxx	K200-1	DFKF9017WB-1	DFKF9017WC-1	4,B	FRONT CASE ASS'Y	1
CF-18BHKZXDM	K200-1	DFKF9017ZB-0	DFKF9017WC-0	4,B	FRONT CASE ASS'Y	1
CF-18DHAxxxx						

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Panasonic®

ORDER NO. CPD0507022PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code **The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.

	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18FDAZXVM	A3 ⚠	DFQX5511ZA	DFQX5511ZC	4,B	MANUAL	1
CF-18FDHZXVxx						
CF-18FDHxxxx	A3 ⚠	DFQX5511ZB	DFQX5511ZC	4,B	MANUAL	1
CF-18FDNZXVM						
CF-18GDAZXVM						
CF-18GDNZXVM						
CF-18HDAZXVM						
CF-18BDxxxx	K215	DFHR6043YB-0	DFHR6105ZB-1	4,B	ANTENNA COVER	2
CF-18BHK02KG						
CF-18BEL01ME	E190	N5ZZ00000039	N5ZZ00000054	4,B	SO-DIMM MODULE	1
CF-18BHB15K3						
CF-18DHB22KA						
CF-18DHB44K3						

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Panasonic®

ORDER NO. CPD0507005PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	1.When change item 1 on the below list item 2 should changed simultaneously
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18Bxxxxx	K225	DXQT26+D5FZL	DRQT26+D5FKL	4,B	SCREW	16
CF-18Dxxxxx	Q77. 79	B1DHFD000009	B1DHFD000015	4,B	TRANSISTOR	2
CF-18(B,D,F,G,H)xx	K218	DFKE9059ZA-0 *1	DFKE9059YA	1,C	LOCK PLATE ASS'Y	1
	K219	DFKE9060YB-0 *2	DFKE9060YC-0	1,C	HINGE COVER ASS'Y	1
CF-18(B,D)xxx	K37	DFHR3451ZA	DFHR3451ZB	4,B	KB CNT LID SHEET	1
	K401	DFHE5025YA	DRHM5025YA	4,B	SCREW	13
CF-18FHA49BM	A3 ⚠	DFQX5510ZA	DFQX5510ZC	4,B	MANUAL	1
CF-18FHAZxxx						
CF-18FHHxxxx						
CF-18FHJFBBG						
CF-18FHNZXBM						
CF-18FHQZXBM						
CF-18FHAZXBA	A3 ⚠	DFQX5510ZB	DFQX5510ZC	4,B	MANUAL	1

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Panasonic®

ORDER NO. CPD0507004PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18Bxxxxx	K82	DFKM9021WC-0	DFKM9021VB-0	1,C	BOTTOM CASE ASS'Y	1
CF-18Dxxxxx						
CF-18Fxxxxx	K82	DFKM9021VA-0	DFKM9021VB-0	1,C	BOTTOM CASE ASS'Y	1
CF-18GDAZXVM						
CF-18HDAZXVM						

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Panasonic®

ORDER NO. CPD0506019PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18DHA37KA	K650	DFHM0335ZA	DFHM0335ZB	2,B	GPS HOLDER	1
CF-18BHxxxx	K21	DFHM0288ZA	DFHM0288ZB	4,B	LID RUBBER PLATEC	1
CF-18Bxxxxx	E18	N2EABEC00004	N2EABEC00006	4,C	TOUCH PAD	1
CF-18Dxxxxx						
CF-18BDK01ME	A5	DFHR9078ZA	DFHR6178ZA	4,B	PEN,BG	1
CF-18BEK01ME						
CF-18BEL01ME						
CF-18FDxxxx	E35	N5HAZ0000011	N5HAZ0000013	4,B	MDC MODEM	1
CF-18FHxxxx						
CF-18BExxxx	K215	DFHR6105ZA-0	DFHR6105ZB-1	4,B	ANTENNA COVER	2
CF-18BHxxxx						
CF-18BHB15K3	K215	DFHR6105ZA-1	DFHR6105ZB-1	4,B	ANTENNA COVER	2
CF-18Dxxxxx						

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Panasonic®

ORDER NO. CPD0505078PE

Parts Change Notice

Model No. CF- 18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code			**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts	Set Production	
A	Original → New	Early → Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original → New	Early → Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original → New	Early → Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other		

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18(B,D)xxx	CN17	K1KA11A00122	K1KA11AA0267	3,A	CONNECTOR	1
	IC43	C0EBA0000025	C0EBA0000037	3,A	IC	1
CF-18(B,D,F)xxx	A1 ⚠	CF-AA1623AM3	CF-AA1623AM4	3,A	AC ADPTOR	1
	CN24	K1KB30A00139	K1KB30A00171	4,A	CONNECTOR	1

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ORDER NO. CPD0505015PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18FDxxxxx	K83	DFKM9028XA-0	DFKM9028XB-0	4,A	TOP CASE ASS'Y	1
CF-18FHAZXBM						
CF-18FHHxxxx						
CF-18FDAZXVM	IC71, 72	C0JBAC000389	C0JBAC000339	8,D	IC LOGIC	2
CF-18Bxxxxx	CN6 ,7	K1FB104B0033	K1FB104B0039	4,A	CONNECTOR	2
CF-18Dxxxxx						
CF-18Dxxxxx	E22	N3CABRD00009	N3CABRD00010	3,A	HDD	1

File this Parts Change Notice with your copy of the Service Manual.

Panasonic®

ORDER NO. CPD0504040PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18Dxxxxx			DFHR3A10ZA	5.B	HDD SPACER	0->1
CF-18BHxxxx	A24	DFHM9009ZA-0	DFHM9009ZB-0	4.A	STRAP HOLDER ASS'Y	2
	K78	DFHR6052XA-0	DFHR6052XB-0	4.A	POWER SW KNOB	1
CF-18Bxxxxx	K64	DFHR3636ZA		3.A	CABLE HOLD SHEET	2->1
CF-18Dxxxxx	K64	DFHR3636ZA		3.A	CABLE HOLD SHEET	3->2
CF-18Fxxxxx	K64	DFHR3636ZA		3.A	CABLE HOLD SHEET	4->3
CF-18BDxxxx	K221	DFMC0780ZA	DFMC0808ZA	4.A	INVERTER SHIELD	1
CF-18BExxxx	K221					1
CF-18DHA37KA	K412	XSB2+3FNL	XSB2+3FZL	7.A	SCREW	2
CF-18BHB15K3	K412	XSB2+3FNL	XSB2+3FZL	7.A	SCREW	6

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Panasonic®

ORDER NO. CPD0504039PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18DHAxxxx CF-18DHBxxxx CF-18DHDZXKM CF-18DHNZXKM CF-18DLAxxxx CF-18DMAxxxx CF-18DNAZXKM	E33-1	DL3DW0164AAA	DFWV08A0056	8.A	LCD ASS'Y	1
CF-18DDAZxx CF-18DGAZXMM	E33-1	DL3DW0164CAA	DFWV08A0055	8.A	LCD ASS'Y	1

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ORDER NO. CPD0504038PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18DHA43KM	A3	DFQX5445ZA	DFQX5445ZB	3A	MANUAL	1
CF-18DHAZXKM						
CF-18DHDZXKM						
CF-18DHNZXKM						
CF-18DNAZXKM						
CF-18DHA37KA						
CF-18DHB22KA						
CF-18DHAZXKA						

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ORDER NO. CPD0504036PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
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C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18Bxxxxx CF-18Dxxxxx	K83-4-3	DFHM0310ZA	DFHM0310YA	3.D	WASHER	1

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ORDER NO. CPD0504034PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18Bxxxxx	E18	N2EABEC00003	N2EABEC00004	4A	TOUCH PAD	1

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ORDER NO. CPD0504033PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
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D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18Bxxxxx	K82	DFkM9021YA-0	DFKM9021WC-0	1.A	BOTTOM CASE ASS'Y	1
CF-18Dxxxxx	K82	DFKM9021WB-0	DFKM9021WC-0	1.A	BOTTOM CASE ASS'Y	1

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ORDER NO. CPD0504032PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18DDAZxxxx CF-18DGAZXMM	K80-10	DFHM0342ZA	DFHM0342YA	7.D	DIMM HEAT SINK PLATE	1

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ORDER NO. CPD0504031PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
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C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18Dxxxxx	K83-2-5	DFHR3509YB	DFHR3509YA	7.D	BAT COVER SHEET	1
	K83-4-5	DFHR3588YB-0	DFHR3588YA-0	7.D	PCMCIA COVER SHEET	1
	K83-3-5	DFHR3508YB-0	DFHR3508YA-0	7.D	HDD COVER SHEET	1
CF-18Bxxxxx CF-18Dxxxxx	K200-1-8	DFHR6051ZC	DFHR6051ZD	7.D	PEN HOLDER	1

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Panasonic®

ORDER NO. CPD0504030PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18BDK01ME	K29	DFHM0323ZA	DFHM0369ZA	7.D	SPACER A	1

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ORDER NO. CPD0504027PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
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C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18FDxxxxx CF-18FHxxxx	K202	DFBH3029WA	DFBH3029WB	1,D	LCD HINGE	1

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Panasonic®

ORDER NO. CPD0504026PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
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C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18Bxxxxxx CF-18Dxxxxx	K202	DFBH3029YA	DFBH3029WB	1,D	LCD HINGE	1

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ORDER NO. CPD0504004PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18Bxxxxx CF-18Dxxxxx	A6	DFJS535ZA	DFJS954ZA	4, A	MODEM CABLE	1

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ORDER NO. CPD0504003PE

Parts Change Notice

Model No. CF-18 Series

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1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
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D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18FHxxxxM	A3	DFQX5510ZA	DFQX5510ZB	3A	MANUAL	1
CF-18FHxxxxX						
CF-18FJxxxxM						
CF-18GHxxxxM						
CF-18GHxxxxX						
CF-18GJxxxxM						
CF-18HHxxxxM						
CF-18FCxxxxM	A3	DFQX5511ZA	DFQX5511ZB	3A	MANUAL	1
CF-18FDxxxxM						
CF-18FDxxxxX						
CF-18GCxxxxM						
CF-18GDxxxxM						
CF-18GDxxxxX						
CF-18HDAZXVM						

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ORDER NO. CPD0504002PE

Parts Change Notice

Model No. CF-18 Series

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use then ordering parts.

Reason for change	*The circled item indicates the reason. If no marking, see the Notes in the bottom column.
1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
	Parts		Set Production	
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D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18DHB44K	K87 ⚠	DFGT1017ZA	DFGT0942ZA-0	3,B	INFORMATION LABEL	1
CF-18FxxxxxM CF-18FxxxxxX CF-18GxxxxxM CF-18GxxxxxX CF-18HxxxxxM	K67	DFGT1041ZA	DFGT1054ZA	3,B	INFORMATION LABEL	1

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ORDER NO.0504001PE

Parts Change Notice

Model No. CF-18 Series

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1. Improve performance	
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code				**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.
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E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes(*'*)	Part Name & Descriptions	Q'TY
CF-18Bxxxxx CF-18Dxxxxx CF-18Fxxxxx	CN25	(PCB.MAIN) K1KAA0A00115	KAKAA0A00143	1.A	CONNECTOR	1

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